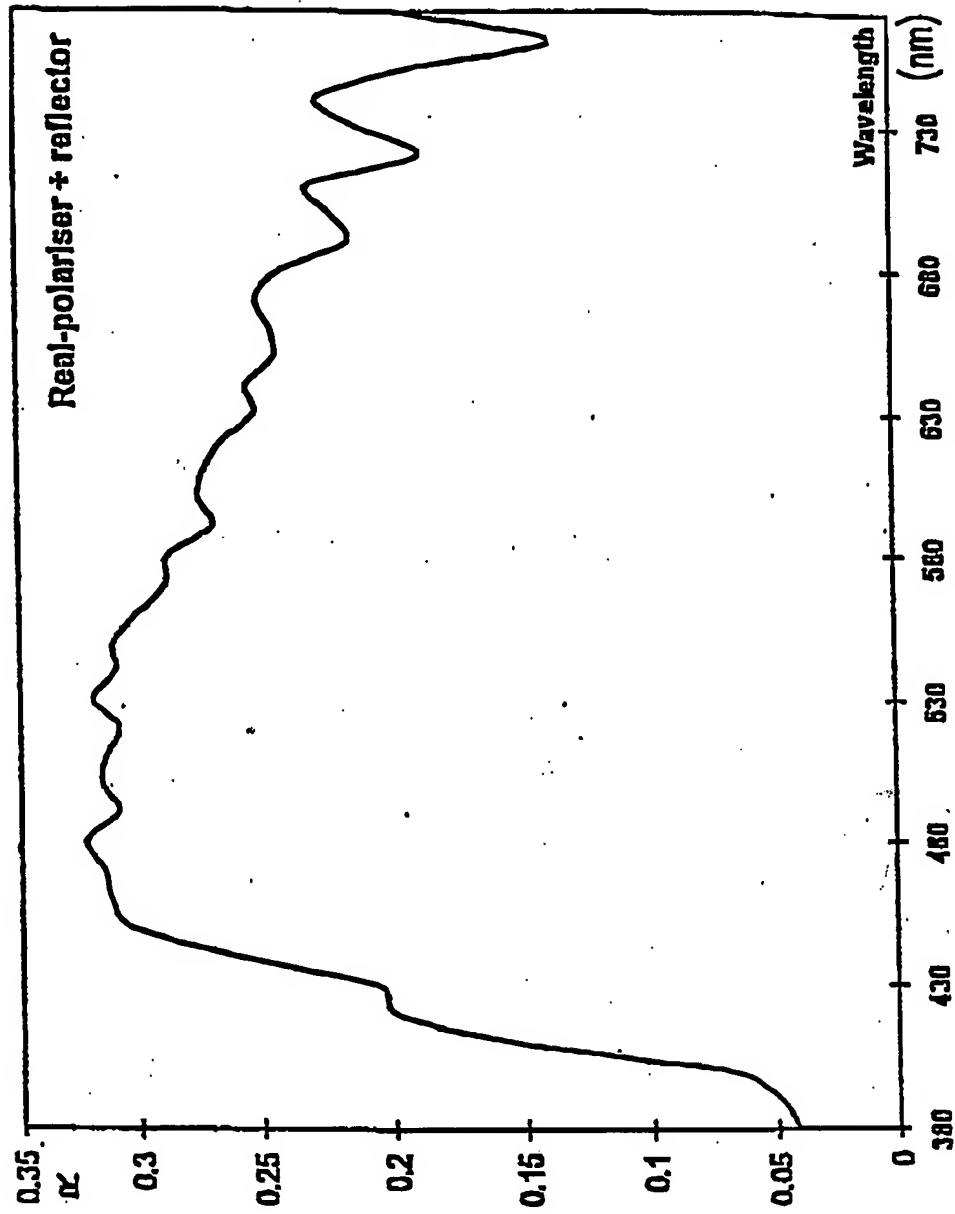


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FIG. 1



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FIG. 2

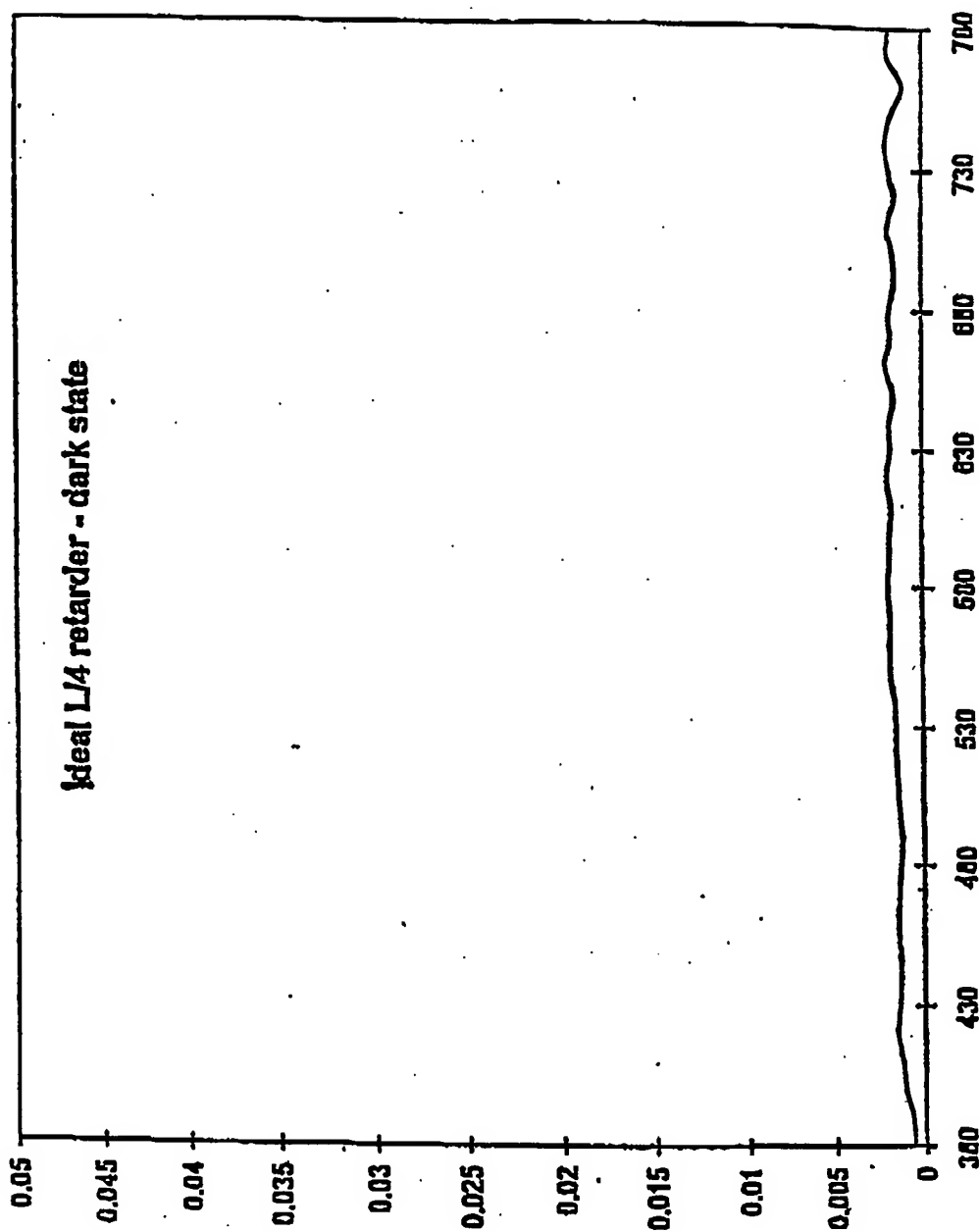
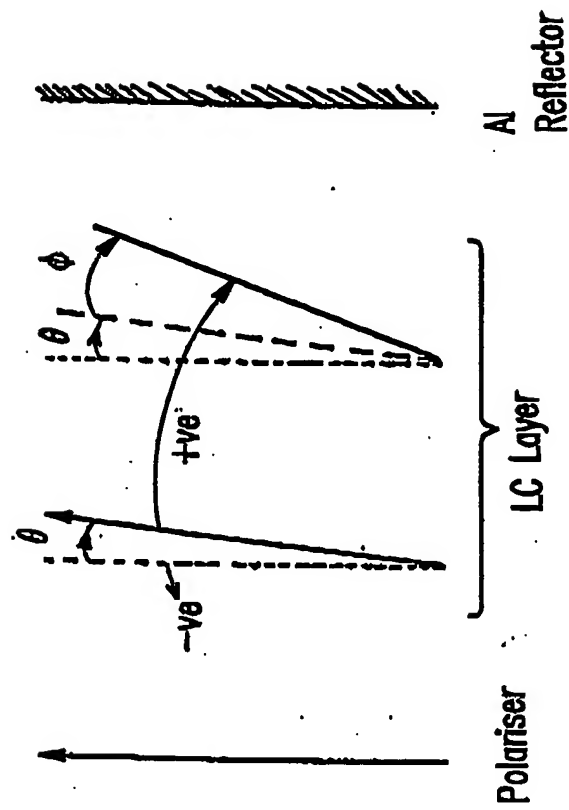


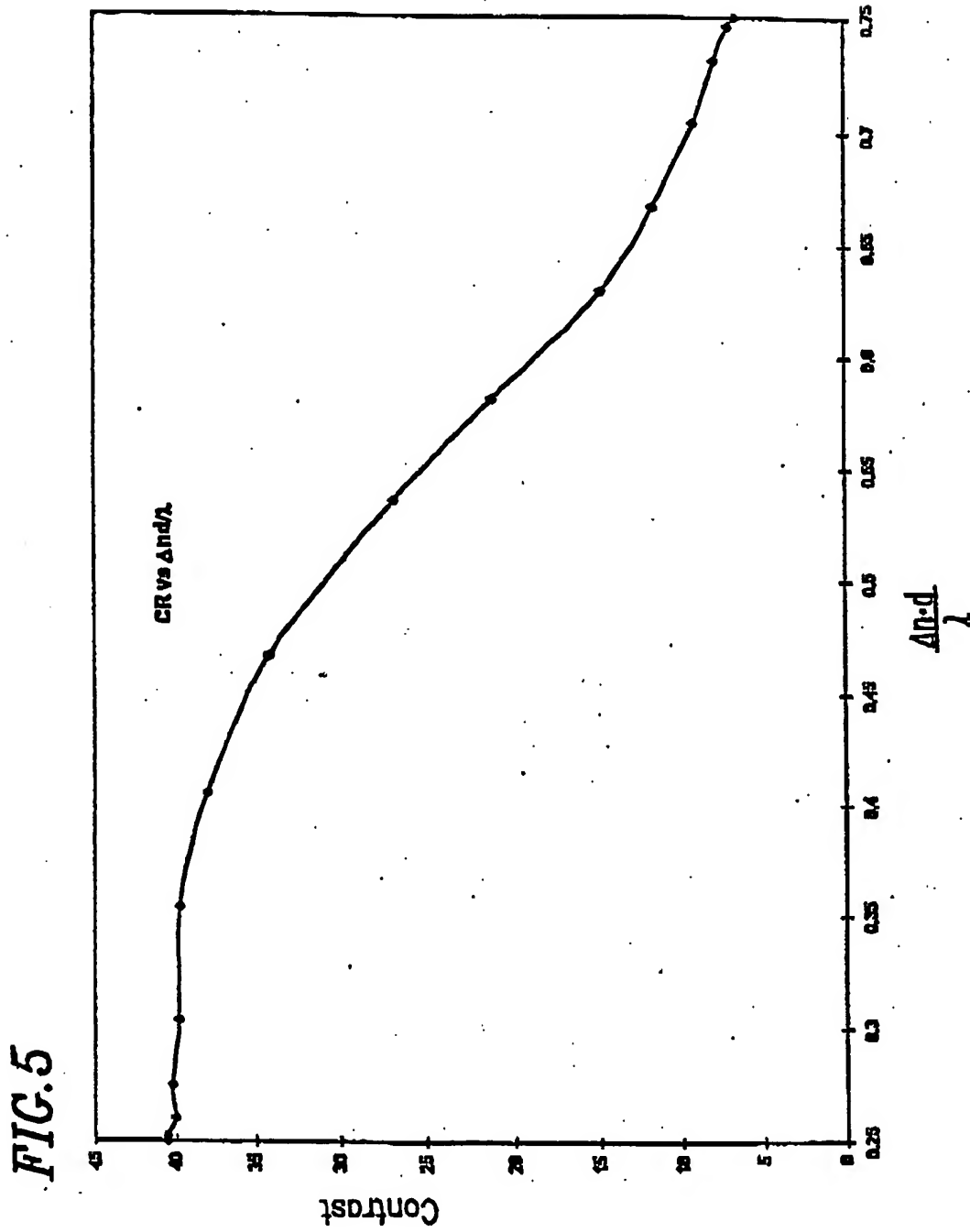
FIG. 3

	Twist of LC layer ϕ (degrees)	Input director of LC $\theta(\phi)$ (degrees)	$\Delta n/\lambda$ ($\lambda=550\text{nm}$)	Thickness of LC d (μm)
1	0	-45	.25	2.007
2	-11.4	-37.76	.252	2.023
3	-23.4	-30	.26	2.038
4	-36.7	-21.1	.273	2.208
5	-50.6	-11.1	.304	2.441
6	-63.6	0	.334	2.842
7	-70.1	8	.405	3.252
8	-72.5	15.2	.467	3.75
9	-69.9	21.78	.536	4.304
10	-65.5	25.66	.582	4.673
11	-58.1	29.6	.63	5.058
12	-50	32.7	.667	5.355
13	-38.4	36.2	.704	5.653
14	-25.1	39.5	.731	5.869
15	-12.1	42.4	.746	5.99
16	0	45	.75	6.022

FIG. 4

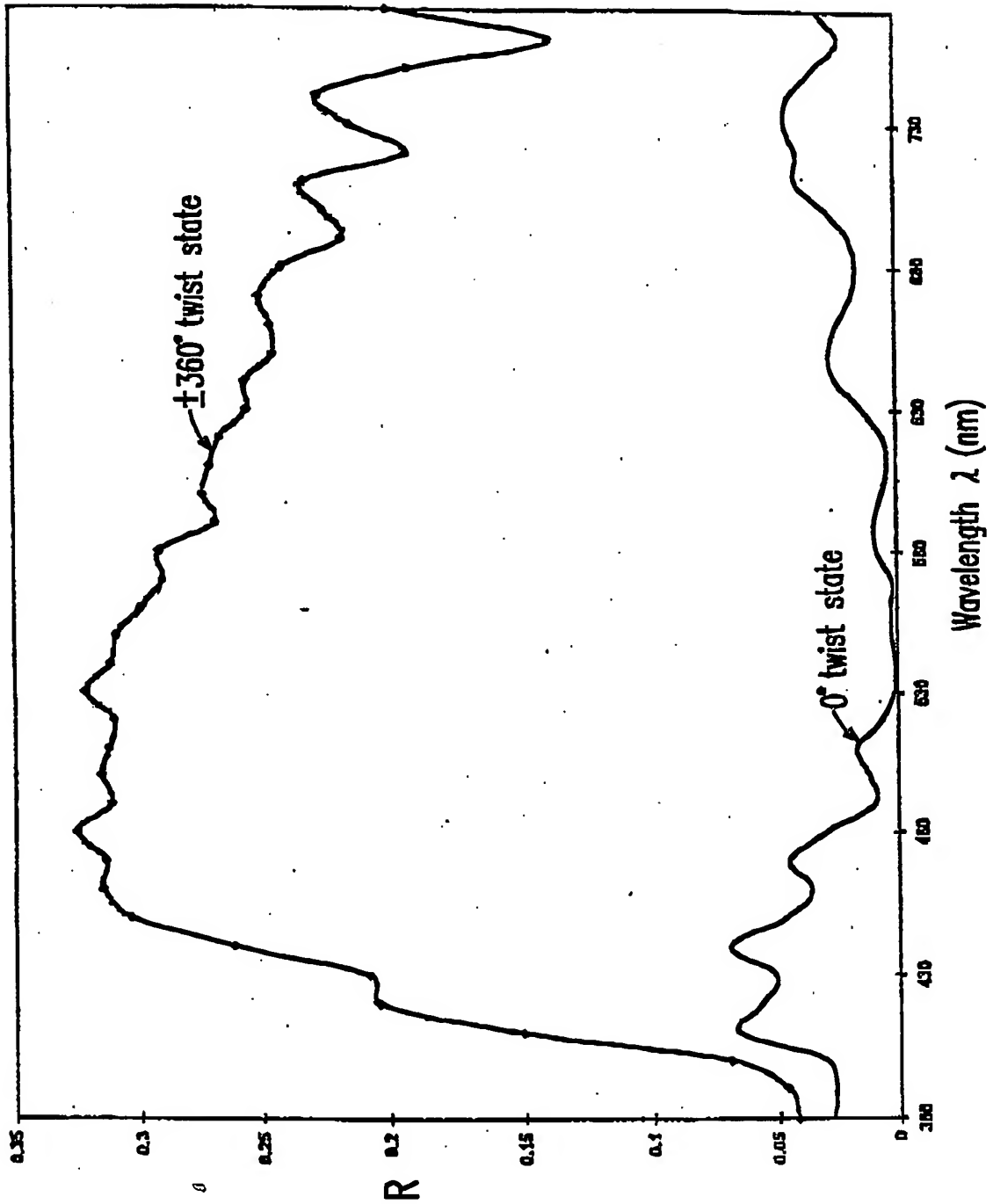


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FIG. 6



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FIG. 7

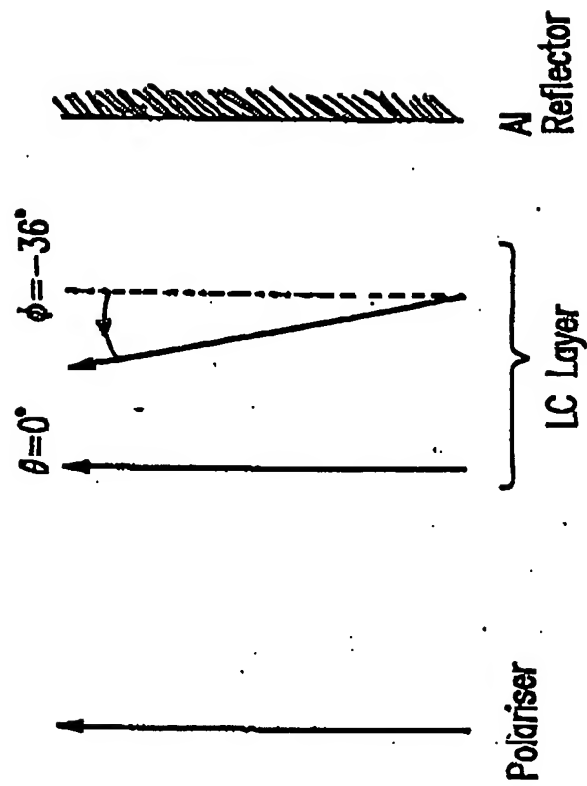
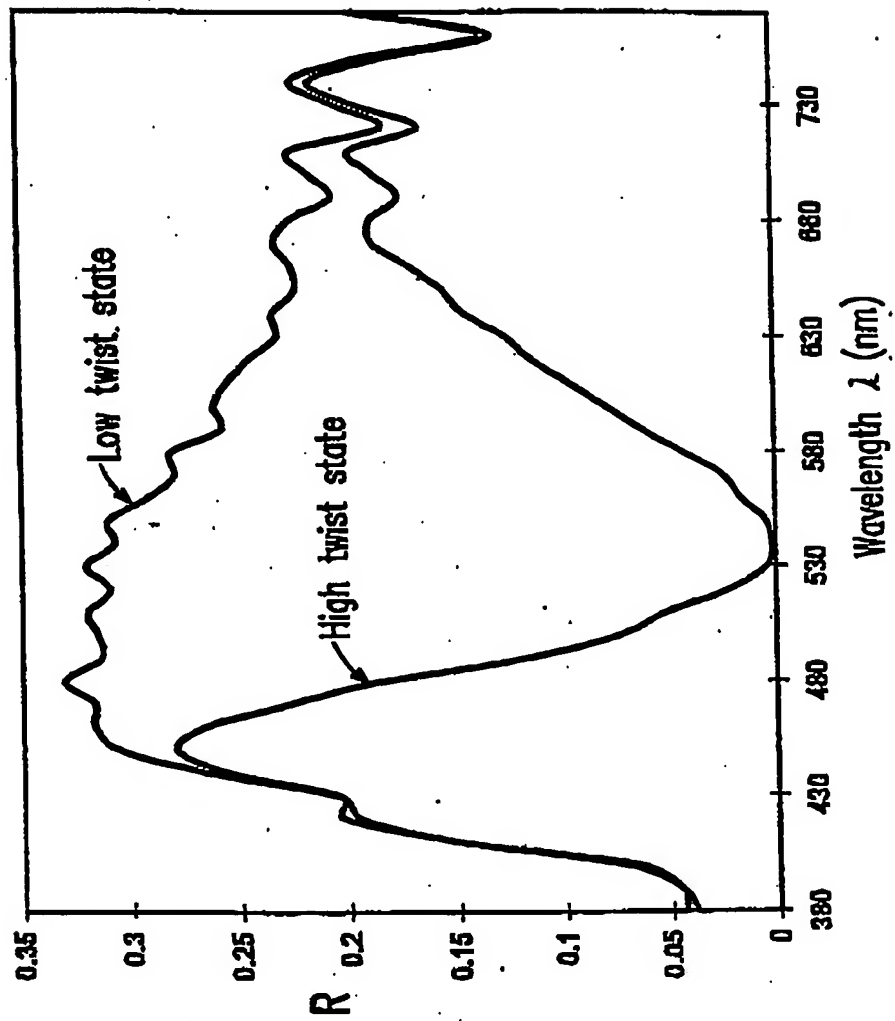


FIG. 8



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FIG. 9

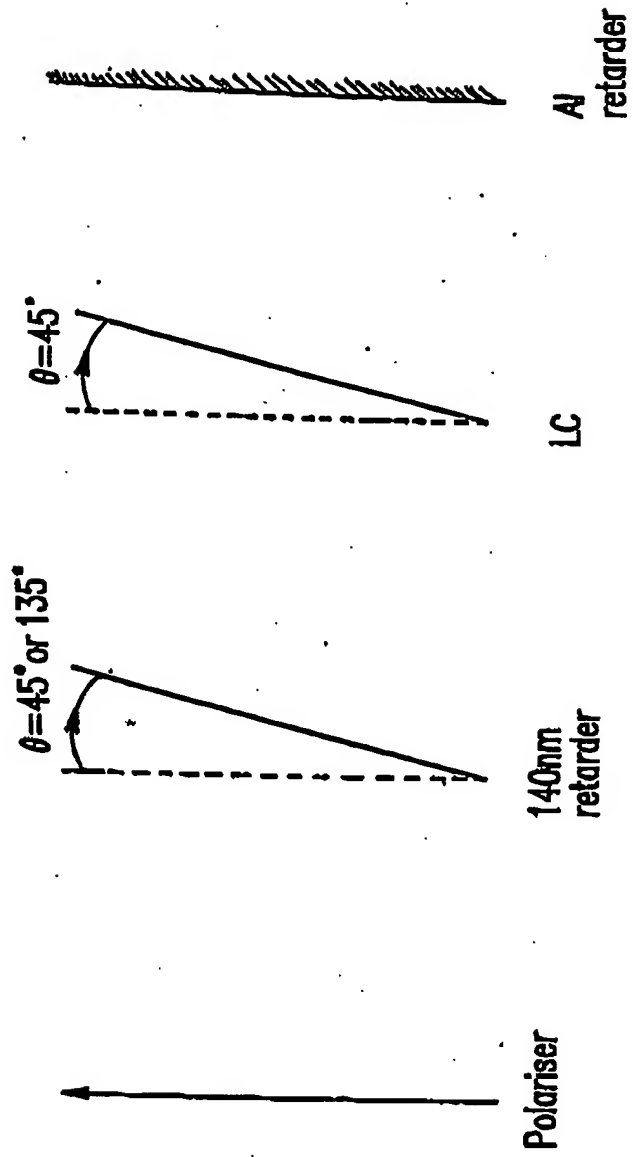


FIG. 10

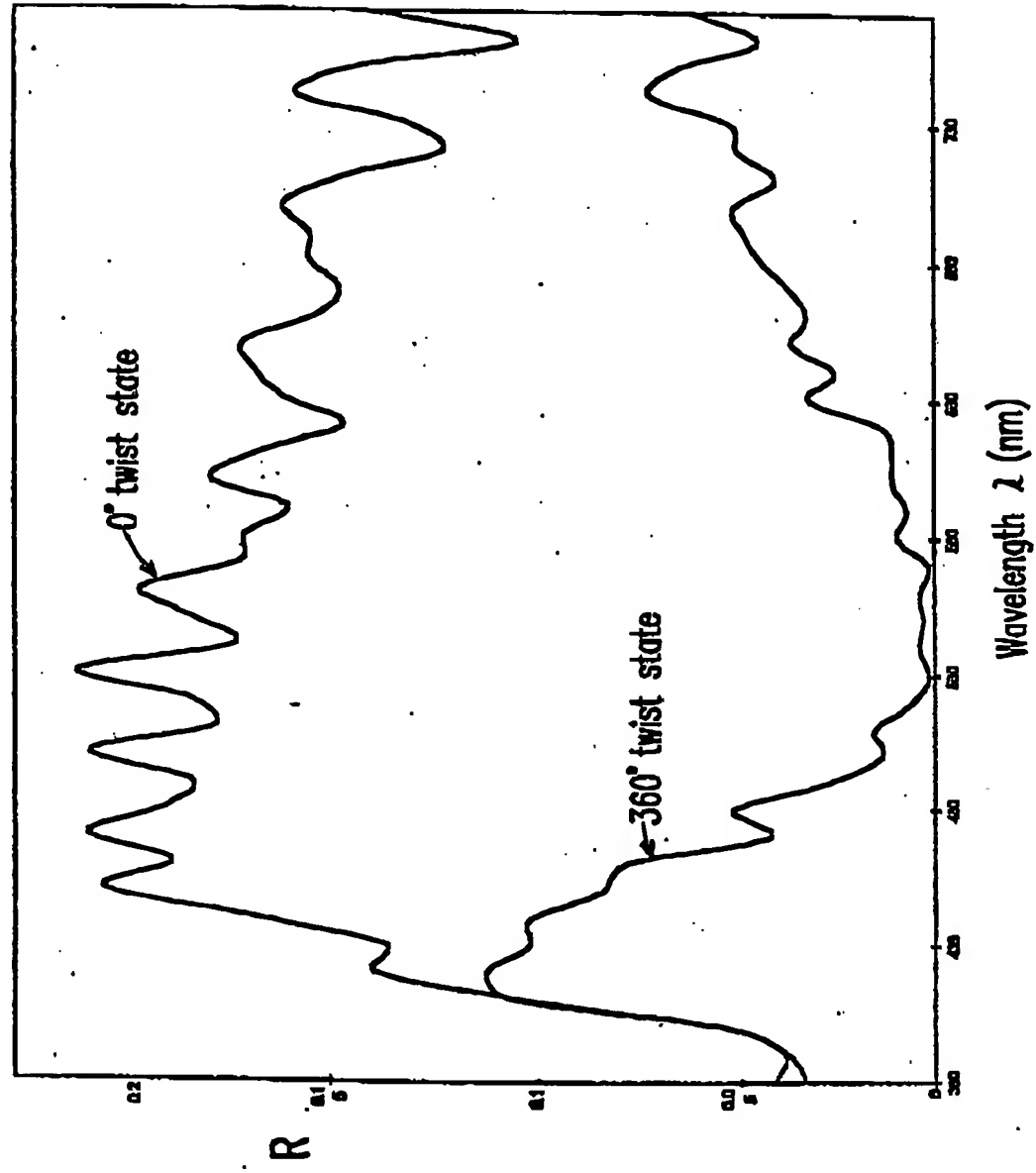
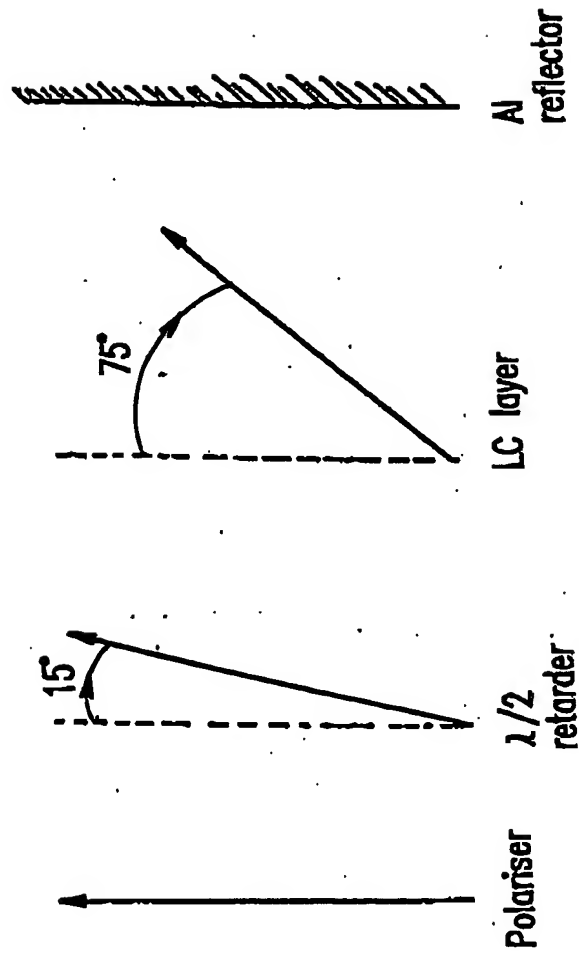


FIG. 11



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FIG. 12

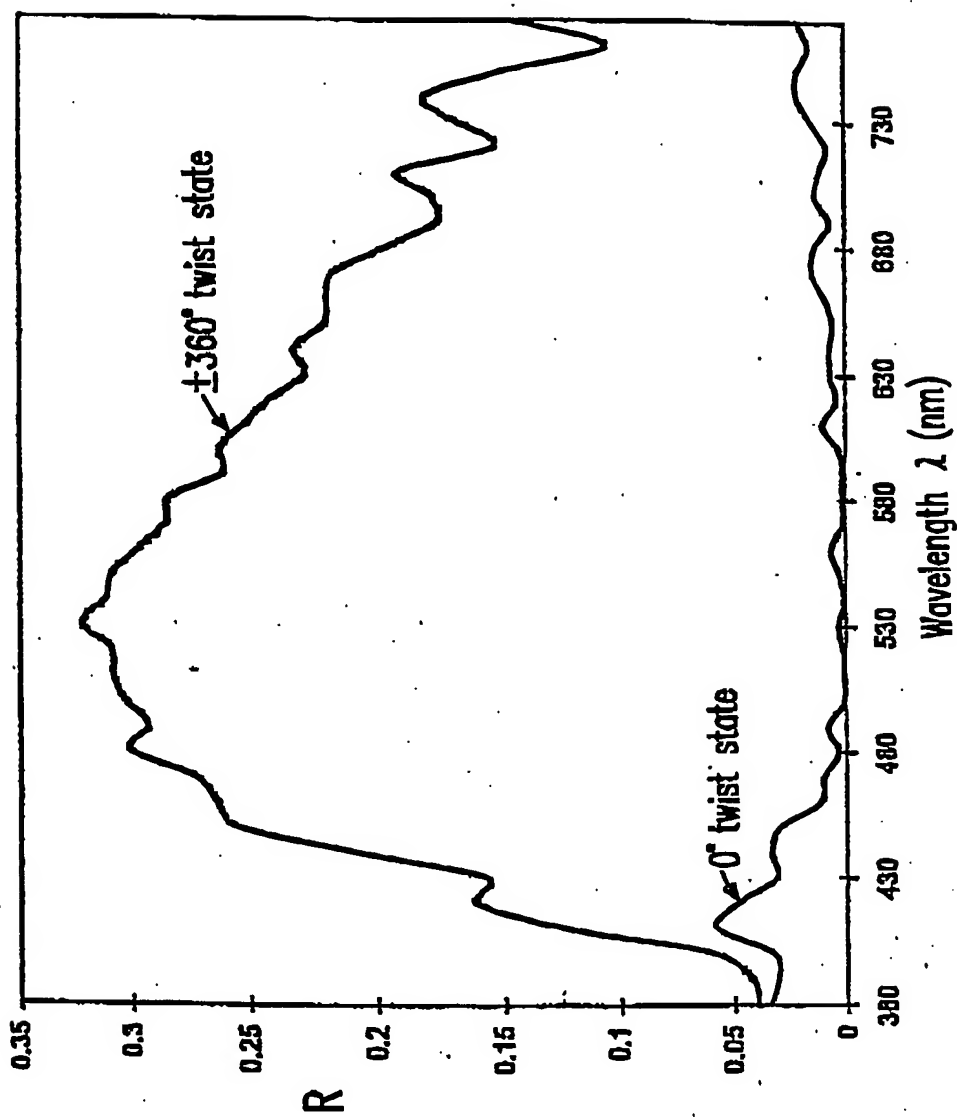
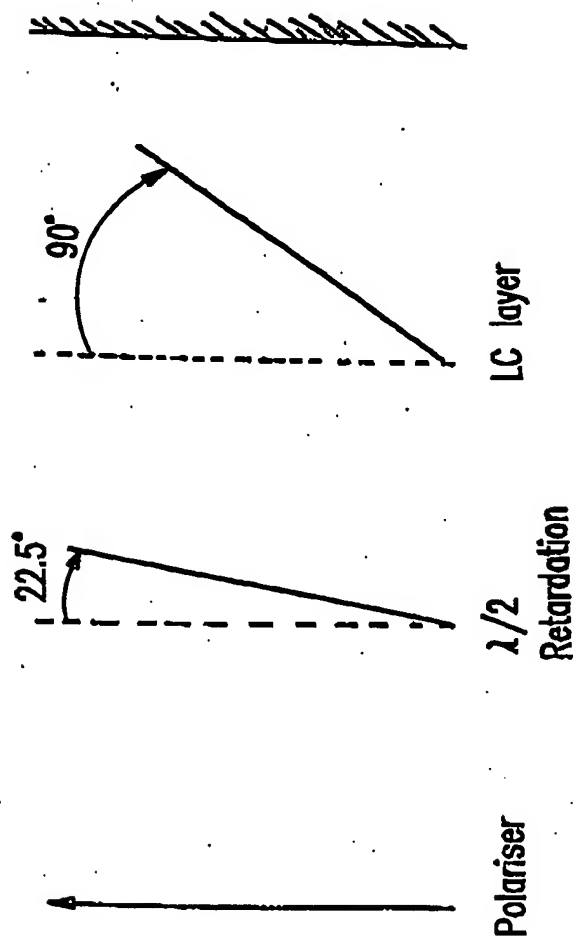


FIG. 13



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FIG. 14

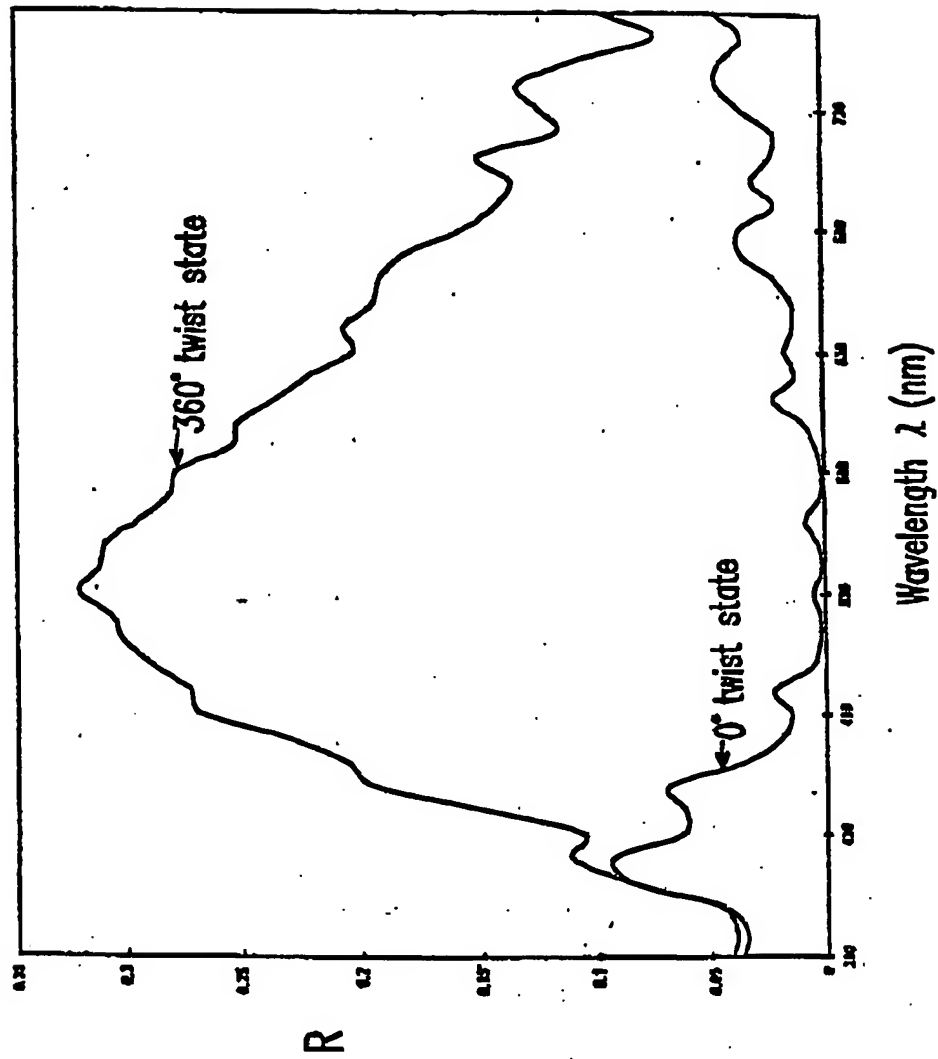


FIG. 15

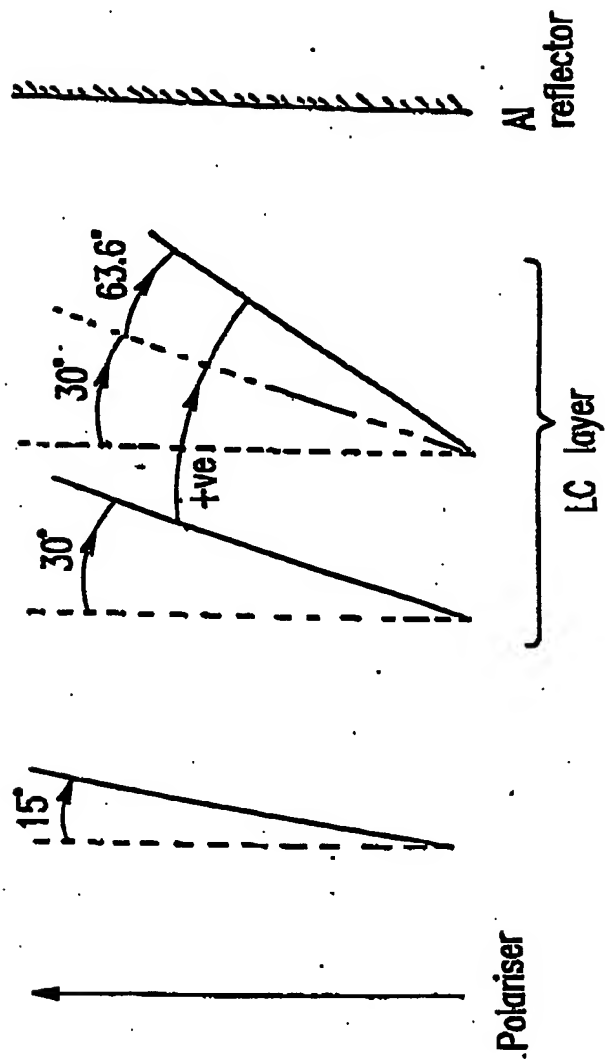


FIG. 16

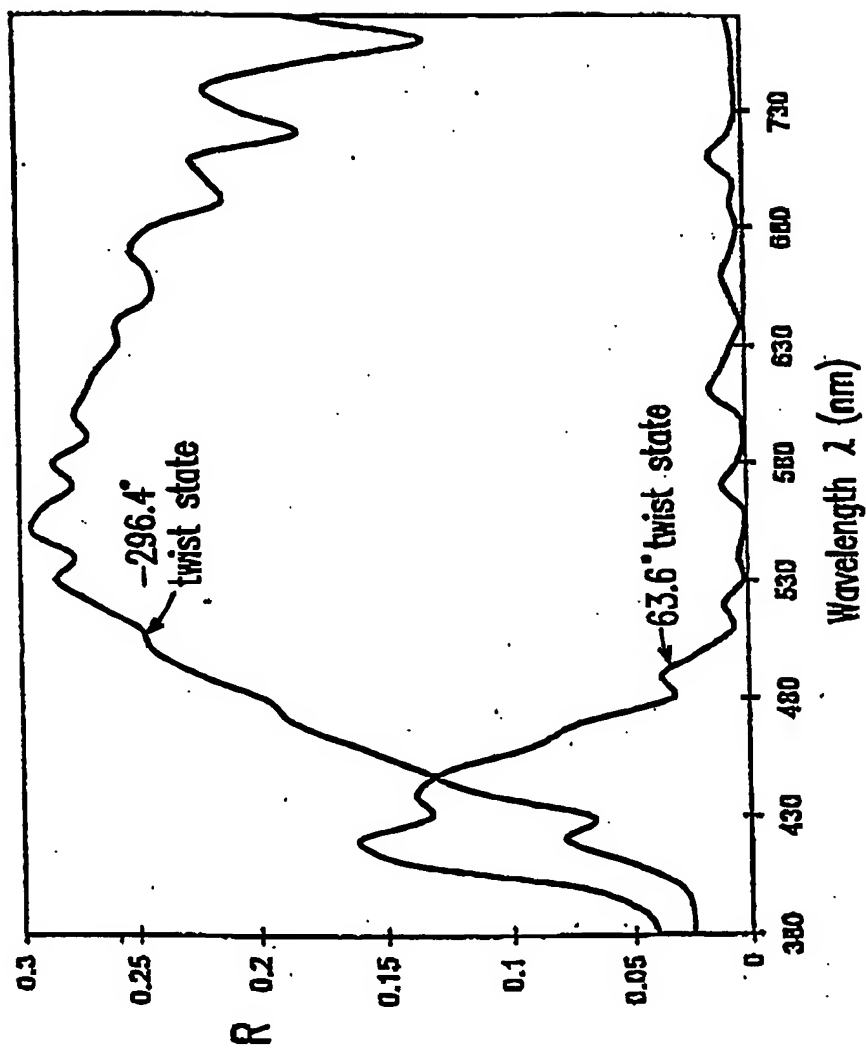


FIG. 17

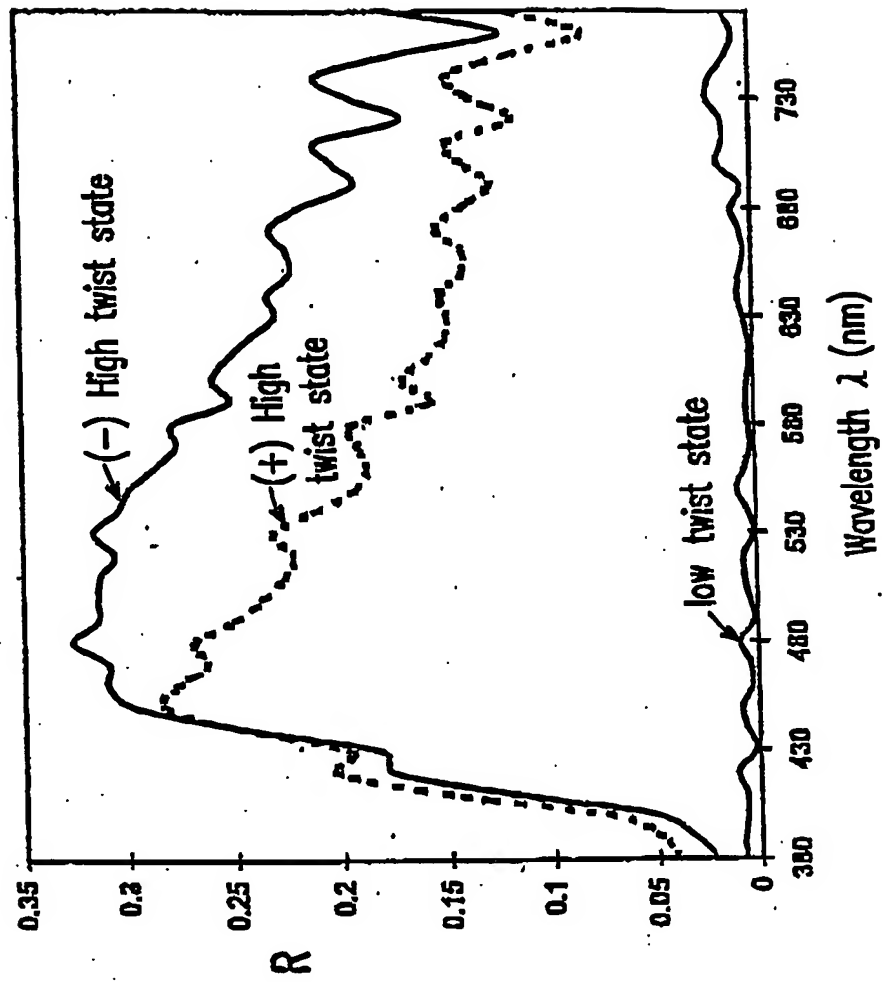
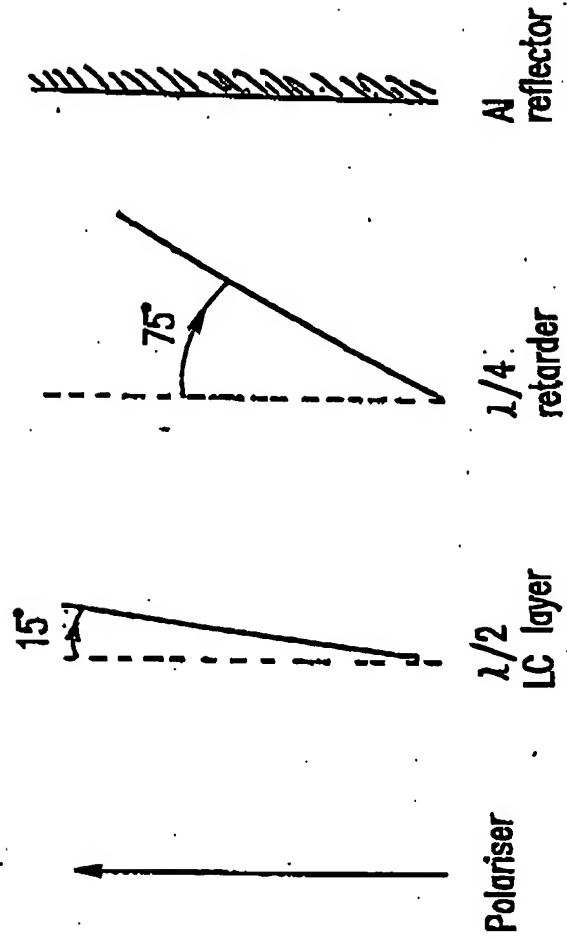
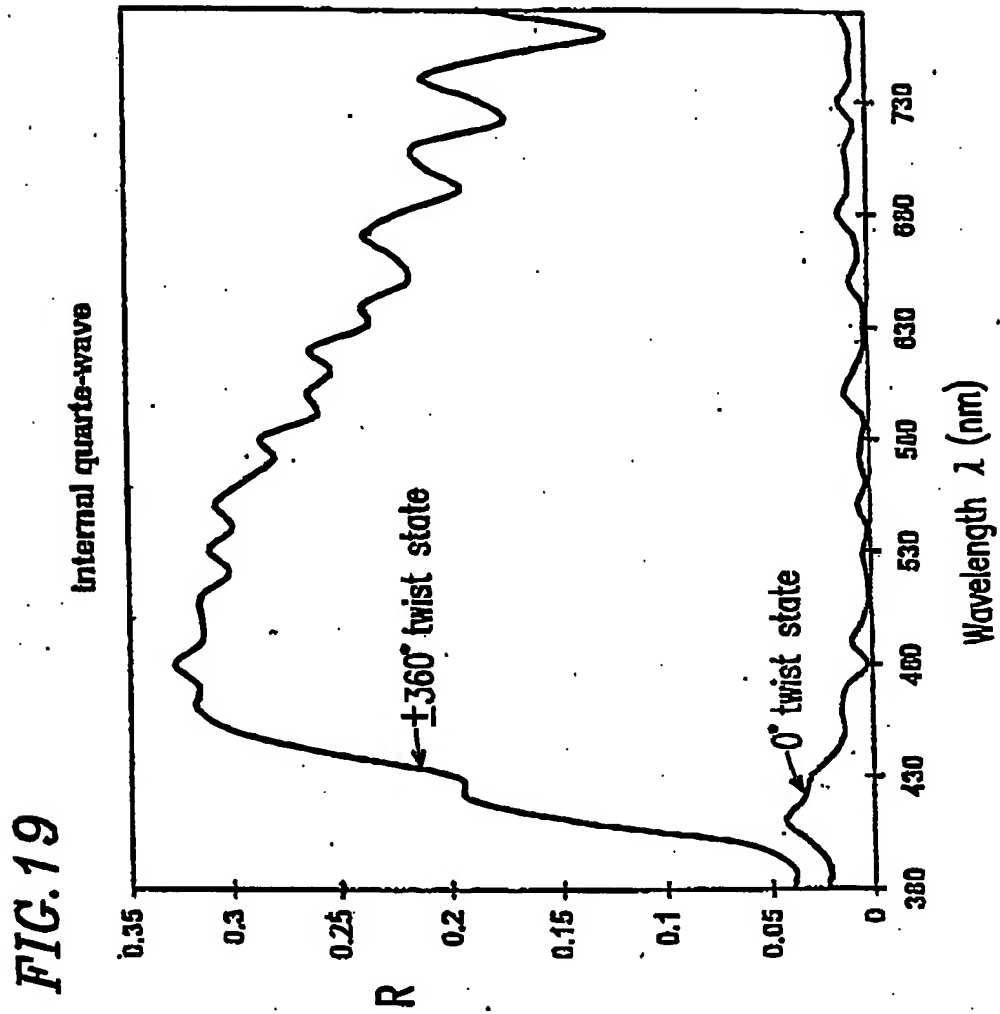


FIG. 18



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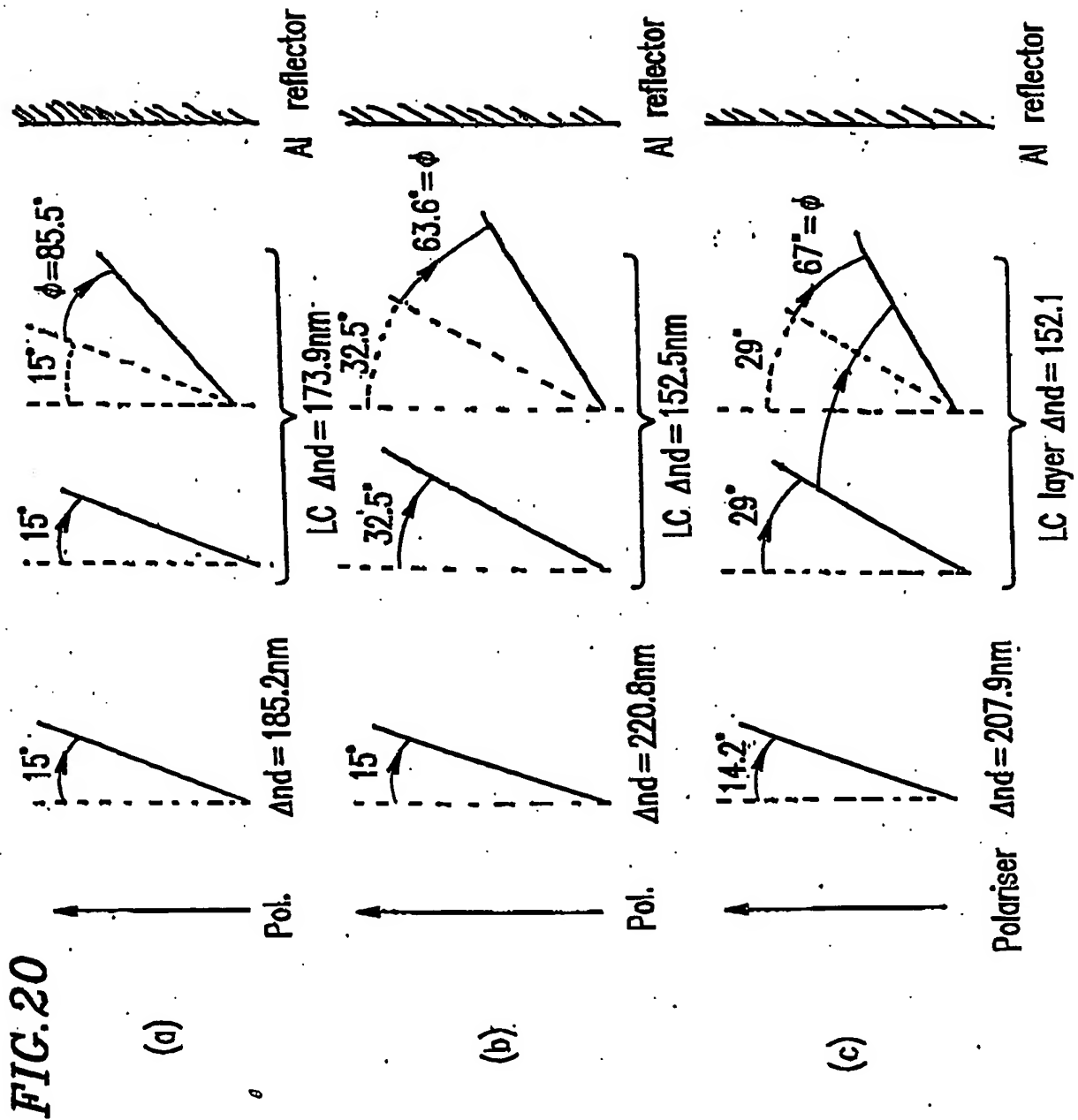


FIG. 21

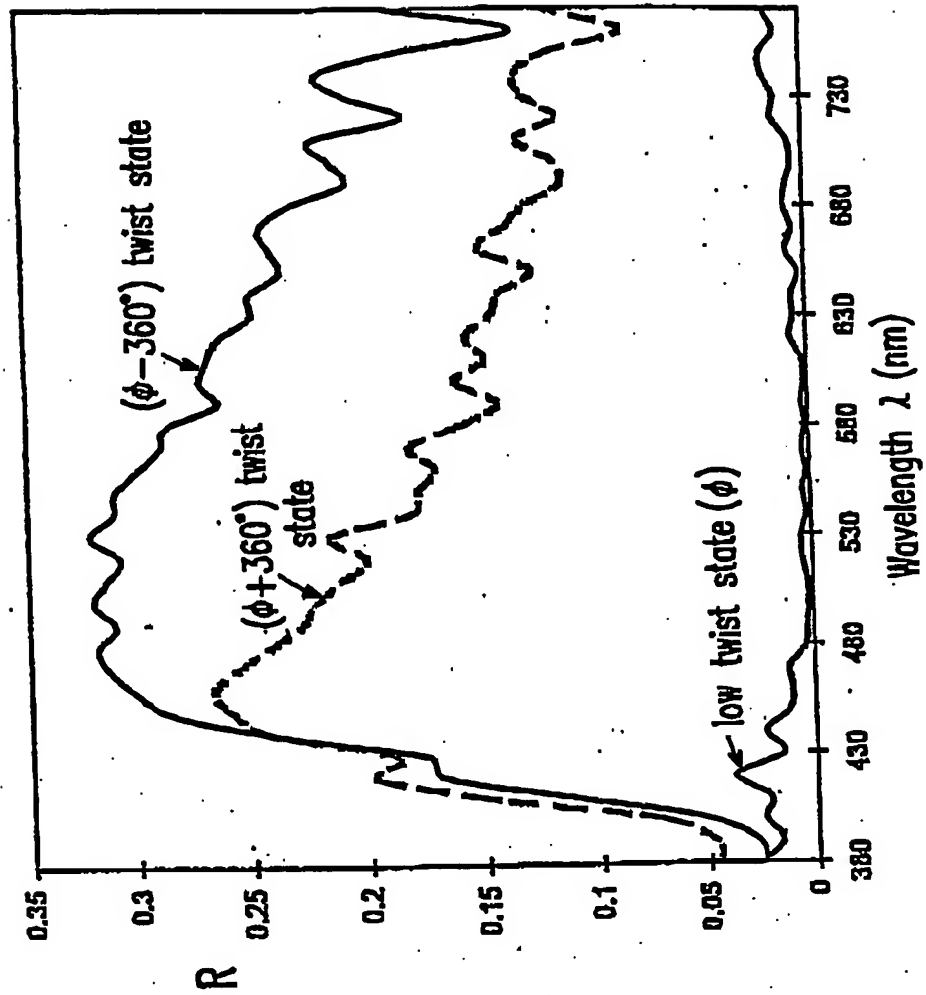


FIG. 22

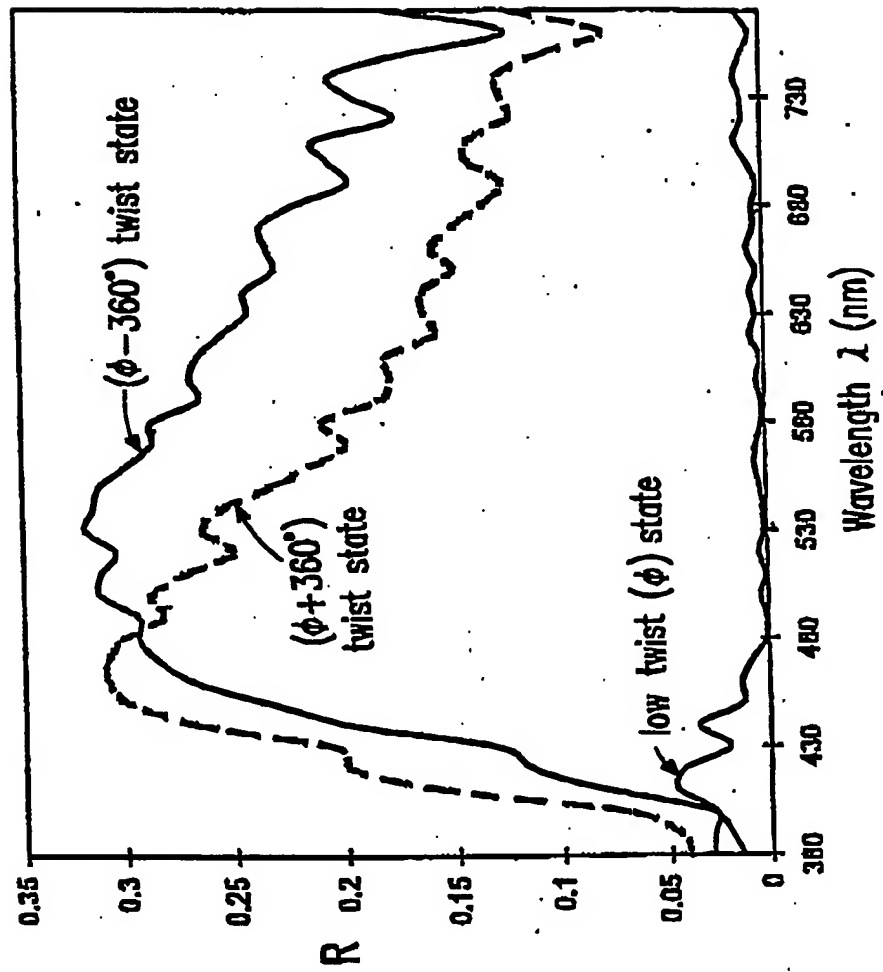


FIG. 23

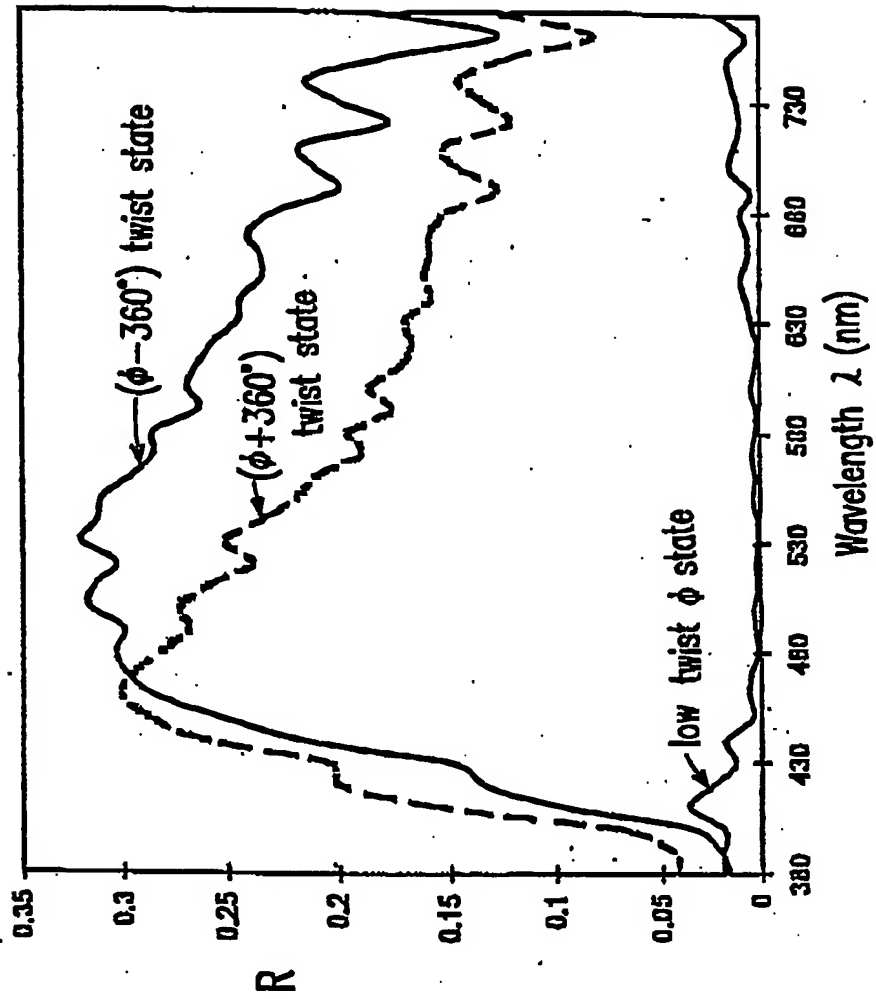
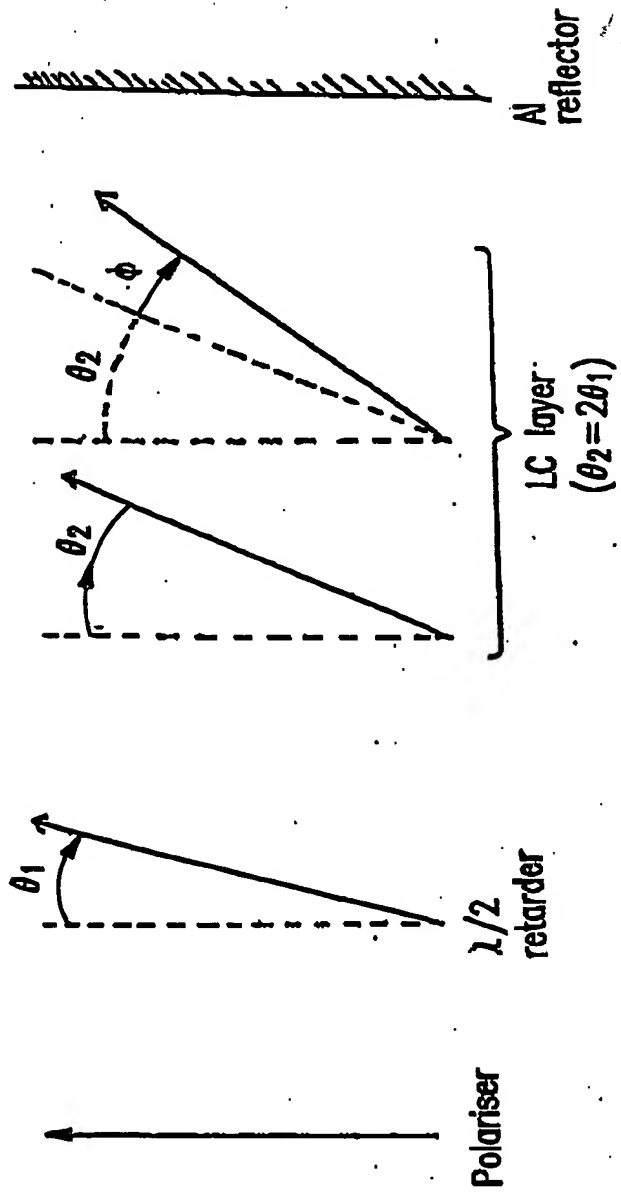
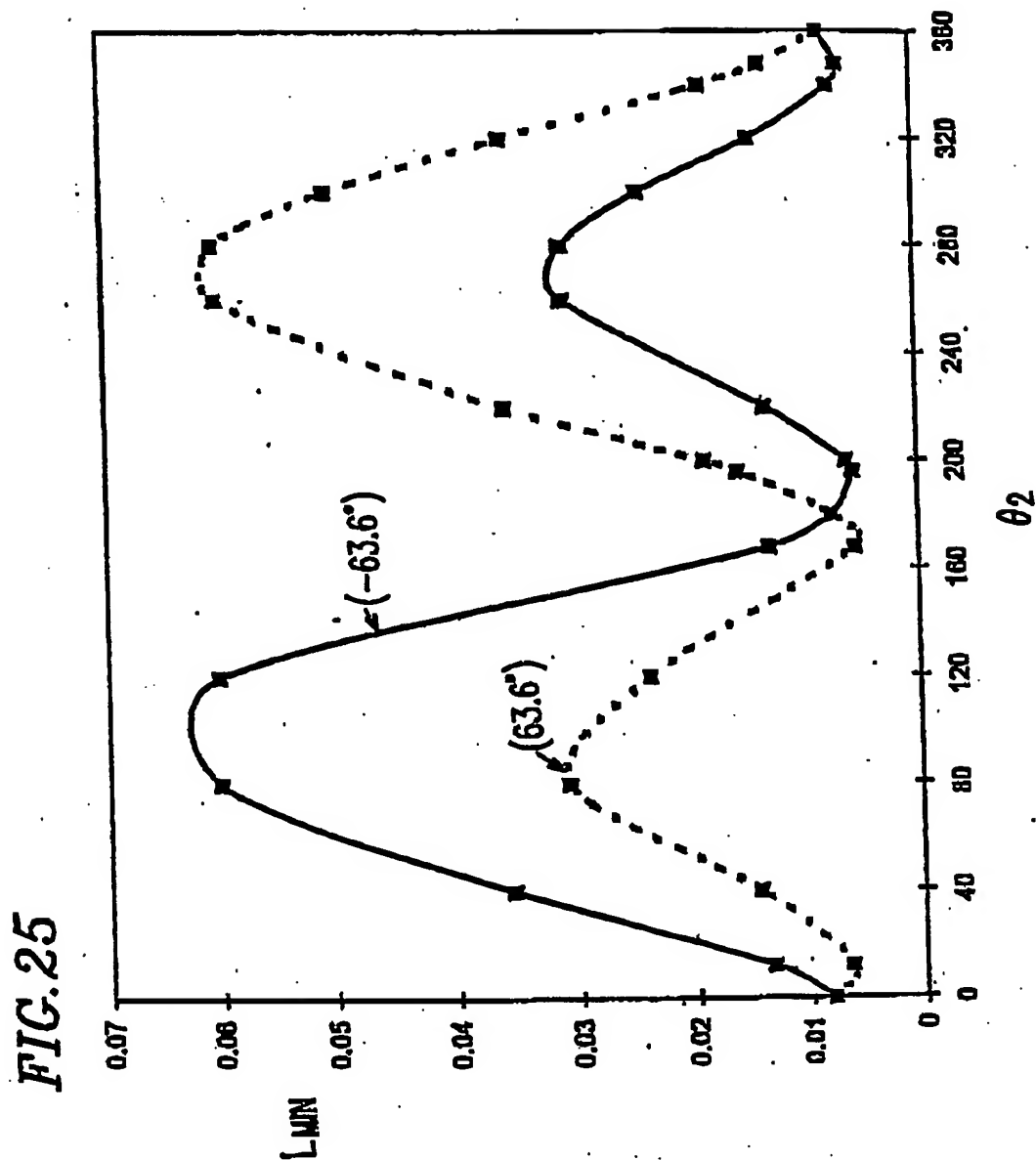


FIG. 24

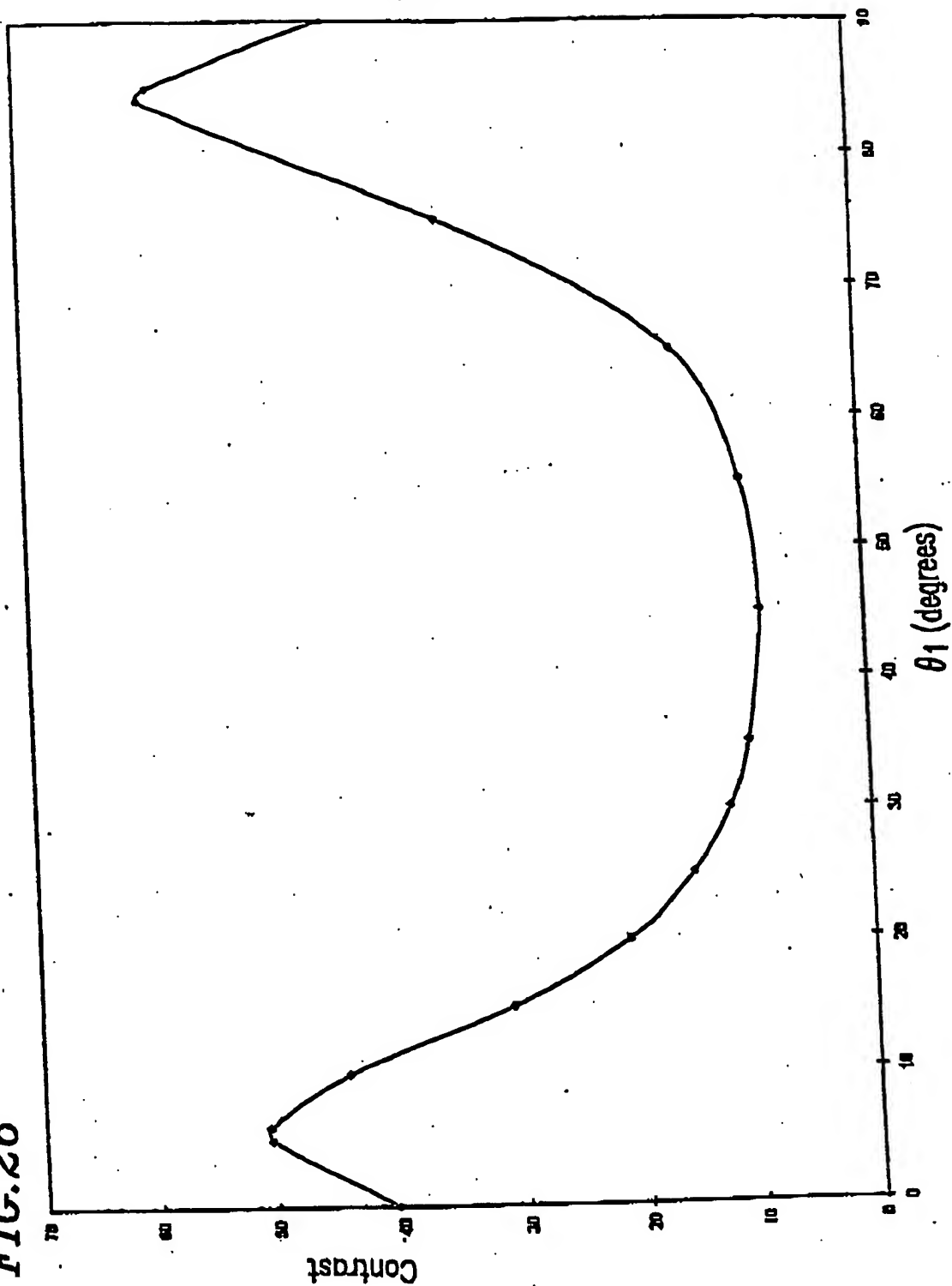


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FIG. 26



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FIG. 27

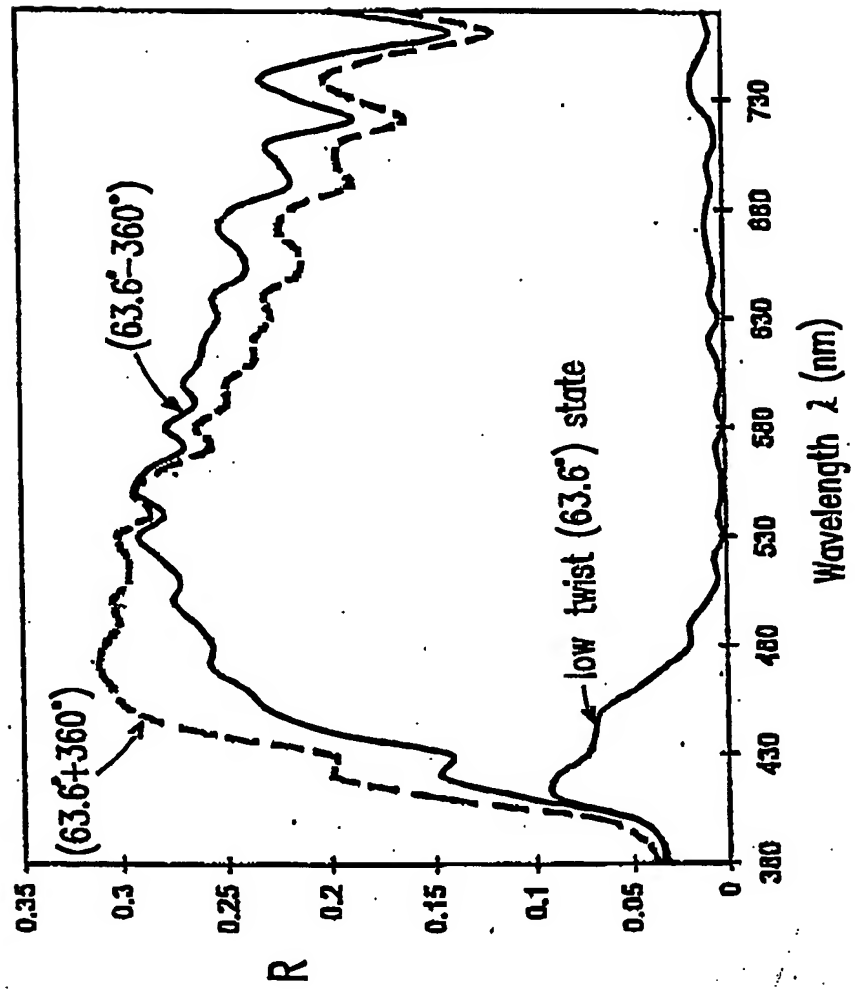


FIG. 28

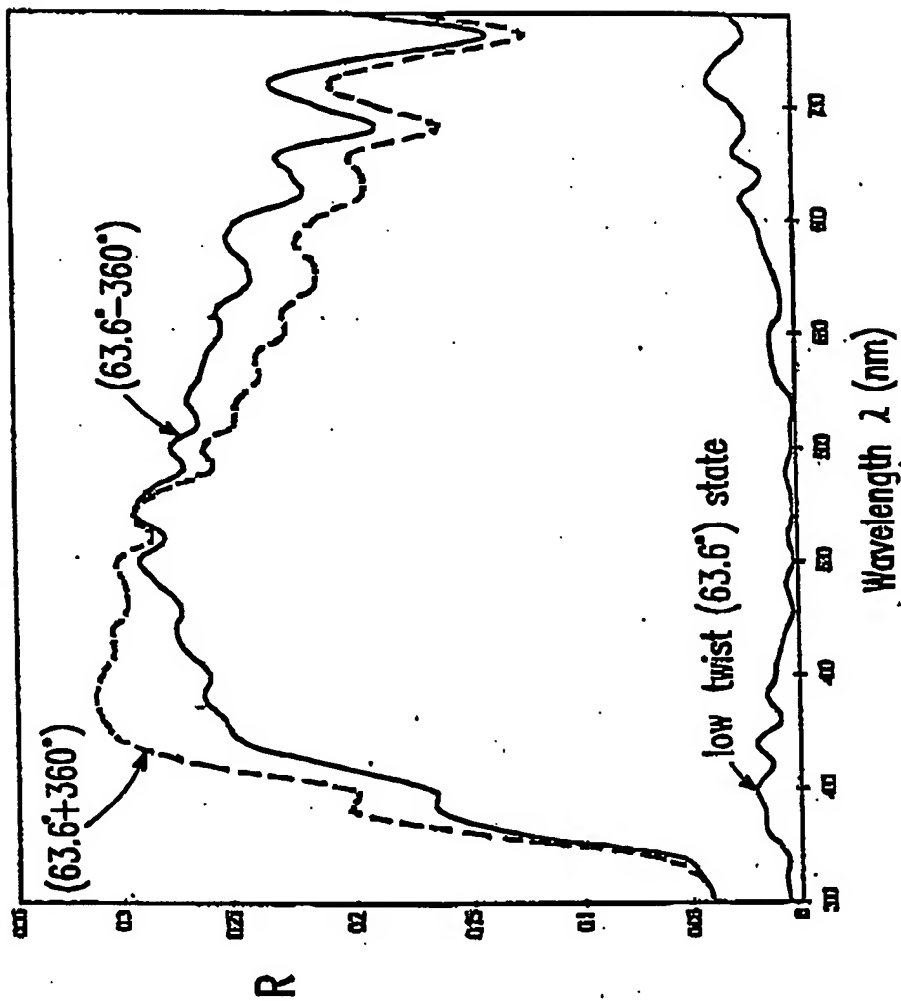
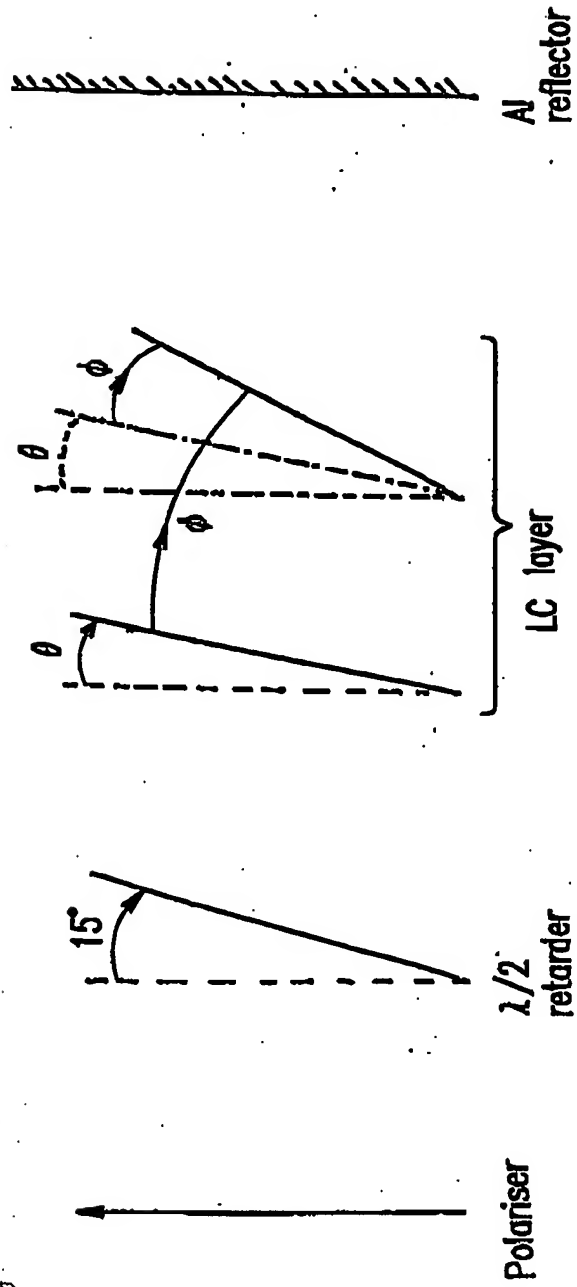


FIG. 29



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FIG. 30

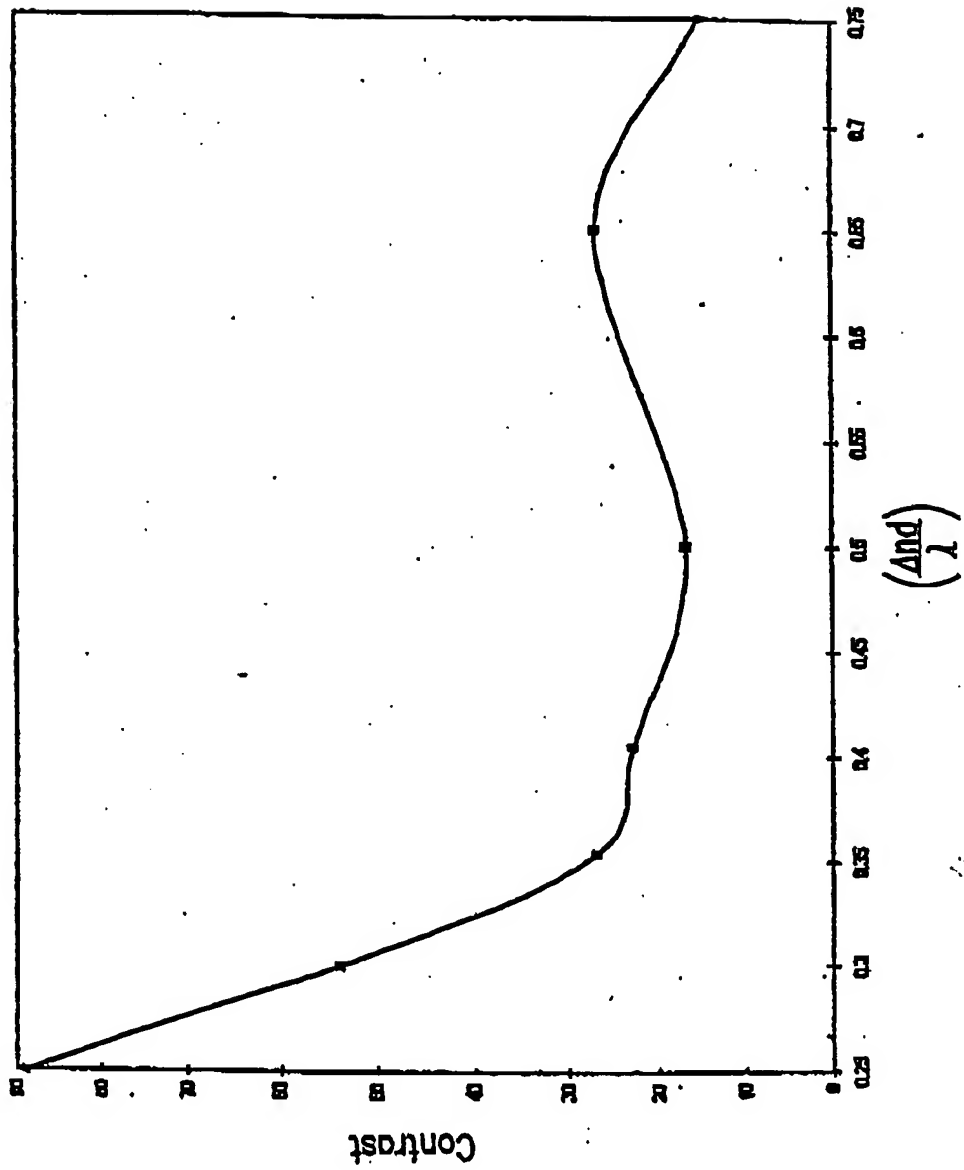


FIG. 31

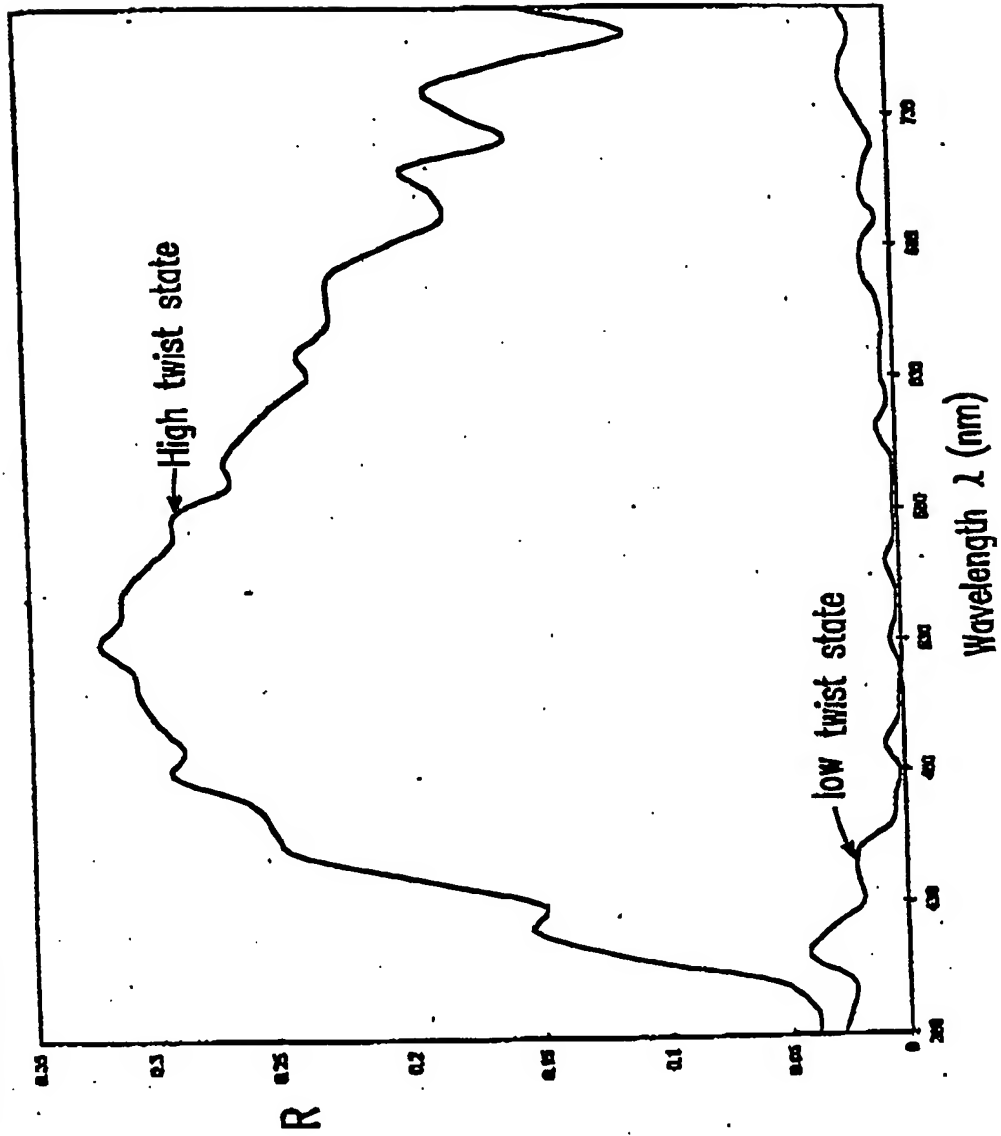


FIG. 32

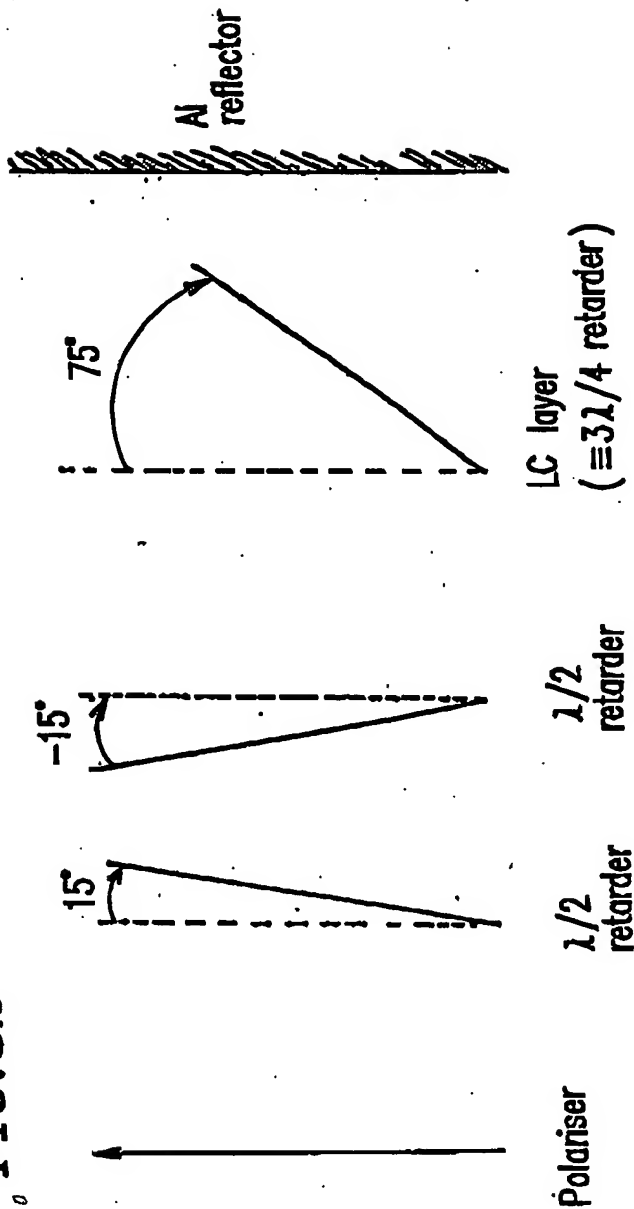


FIG.33

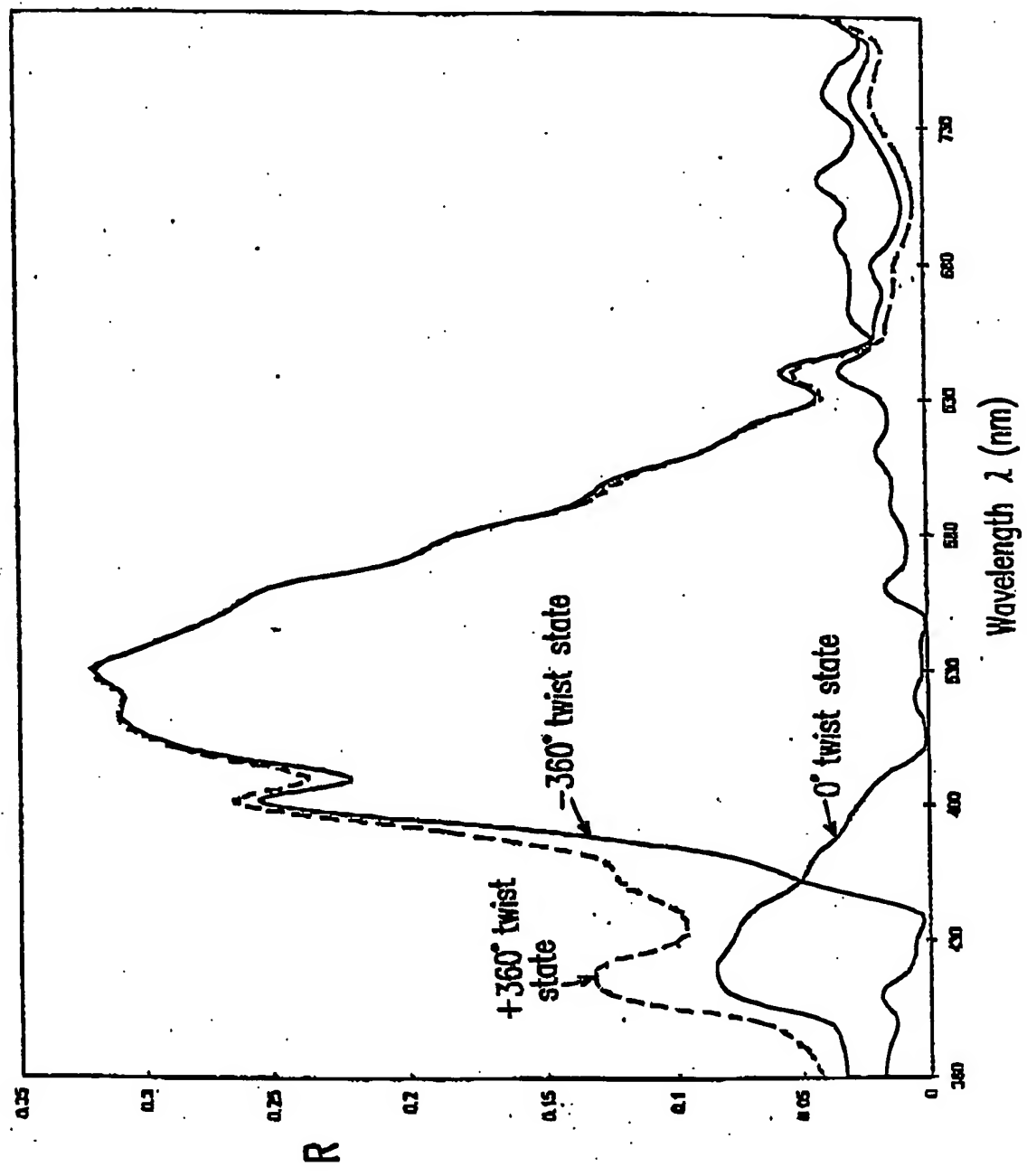
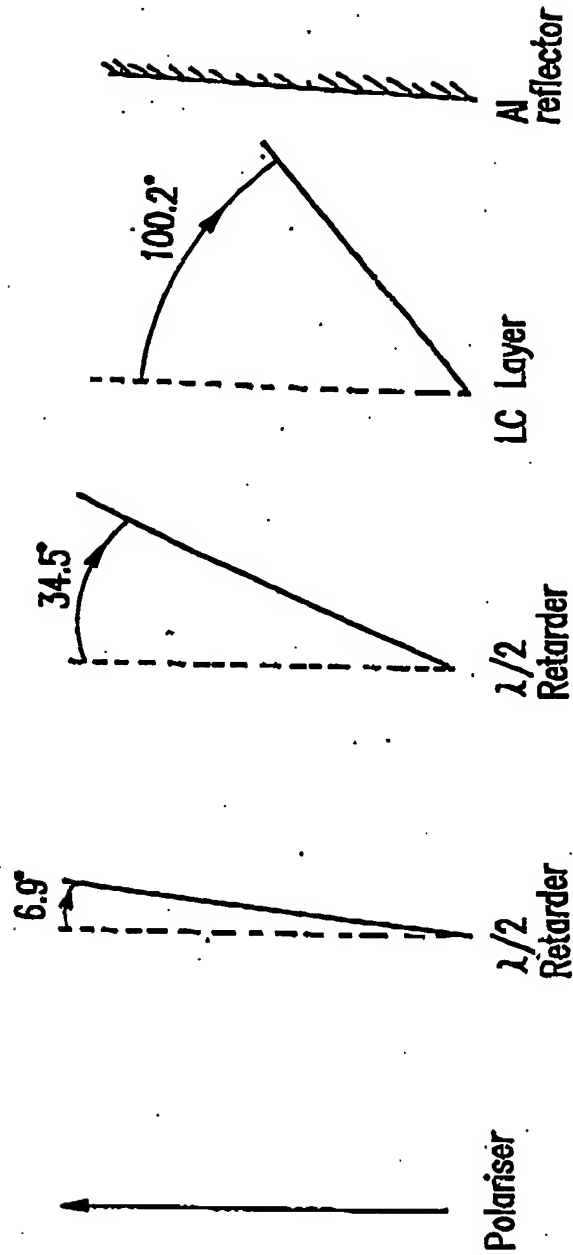


FIG. 34



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FIG. 35

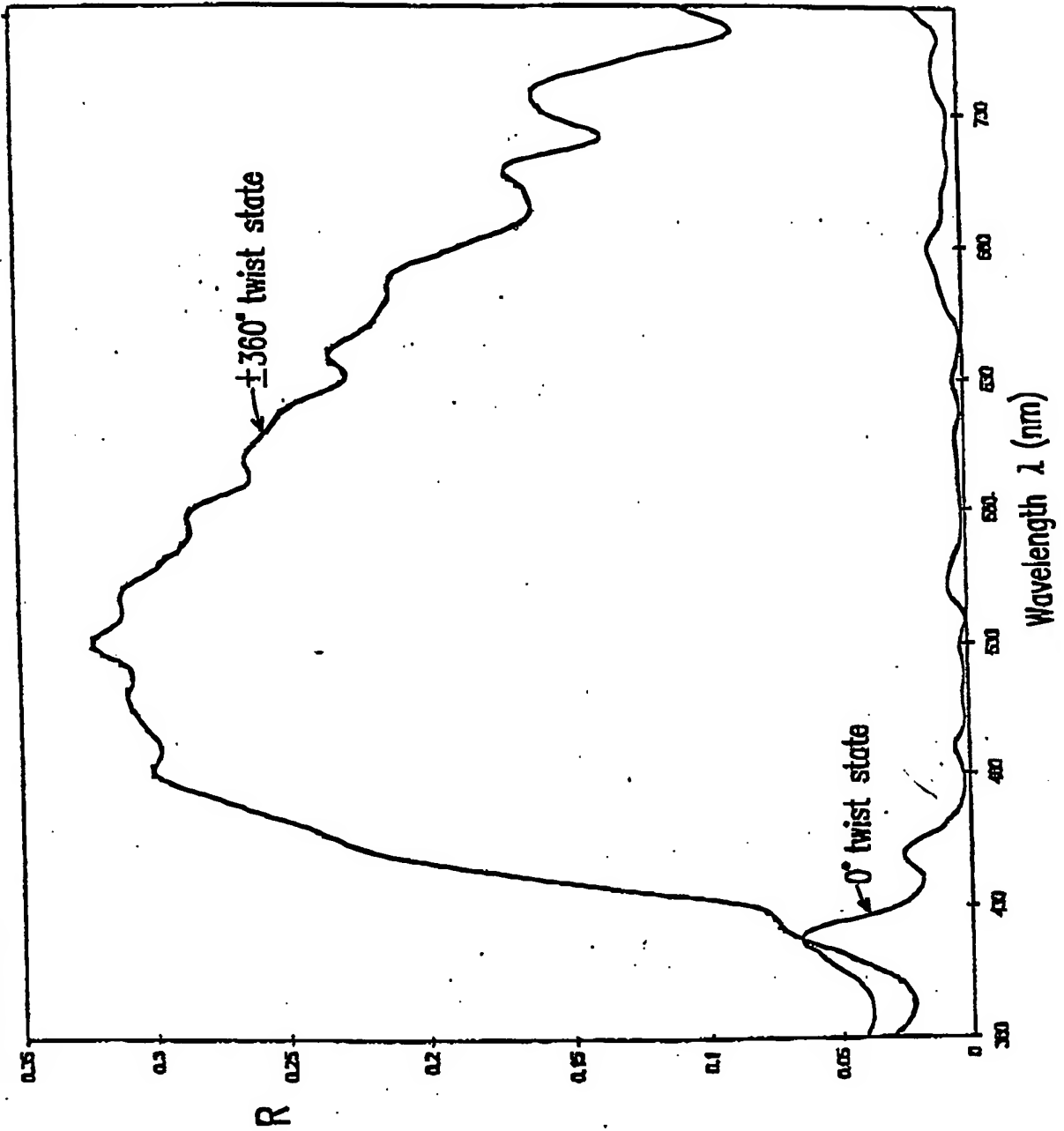


FIG. 36

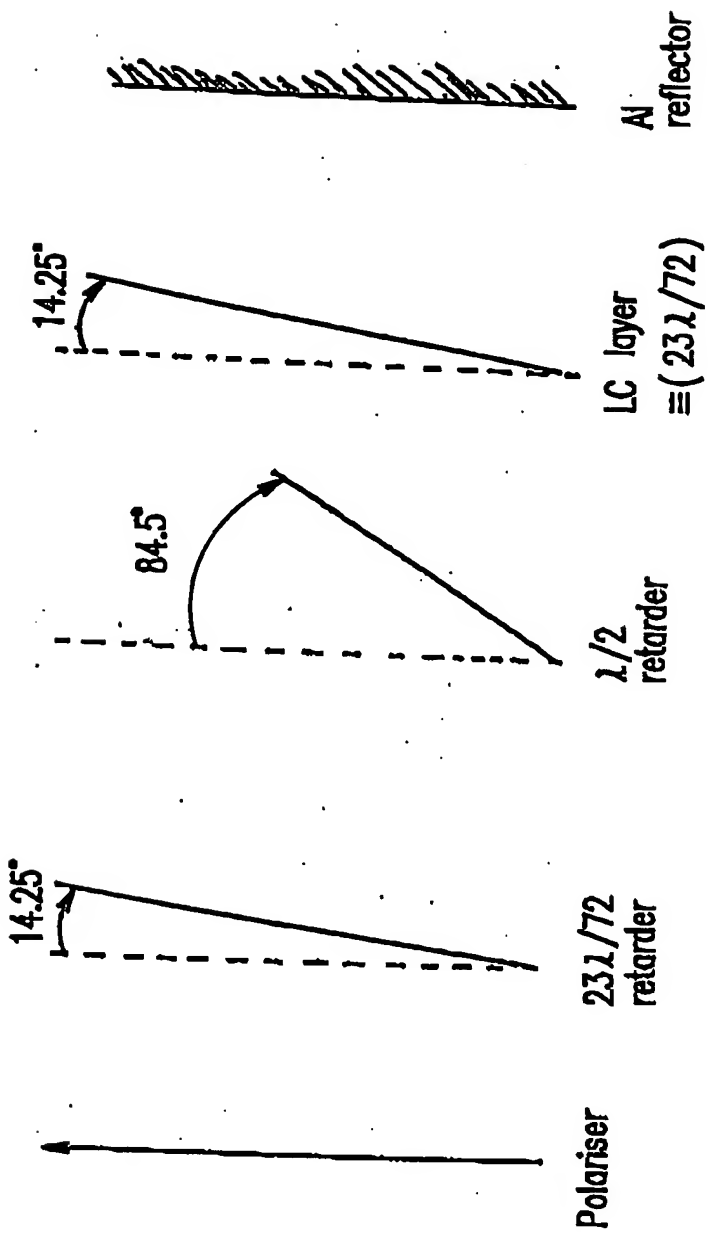
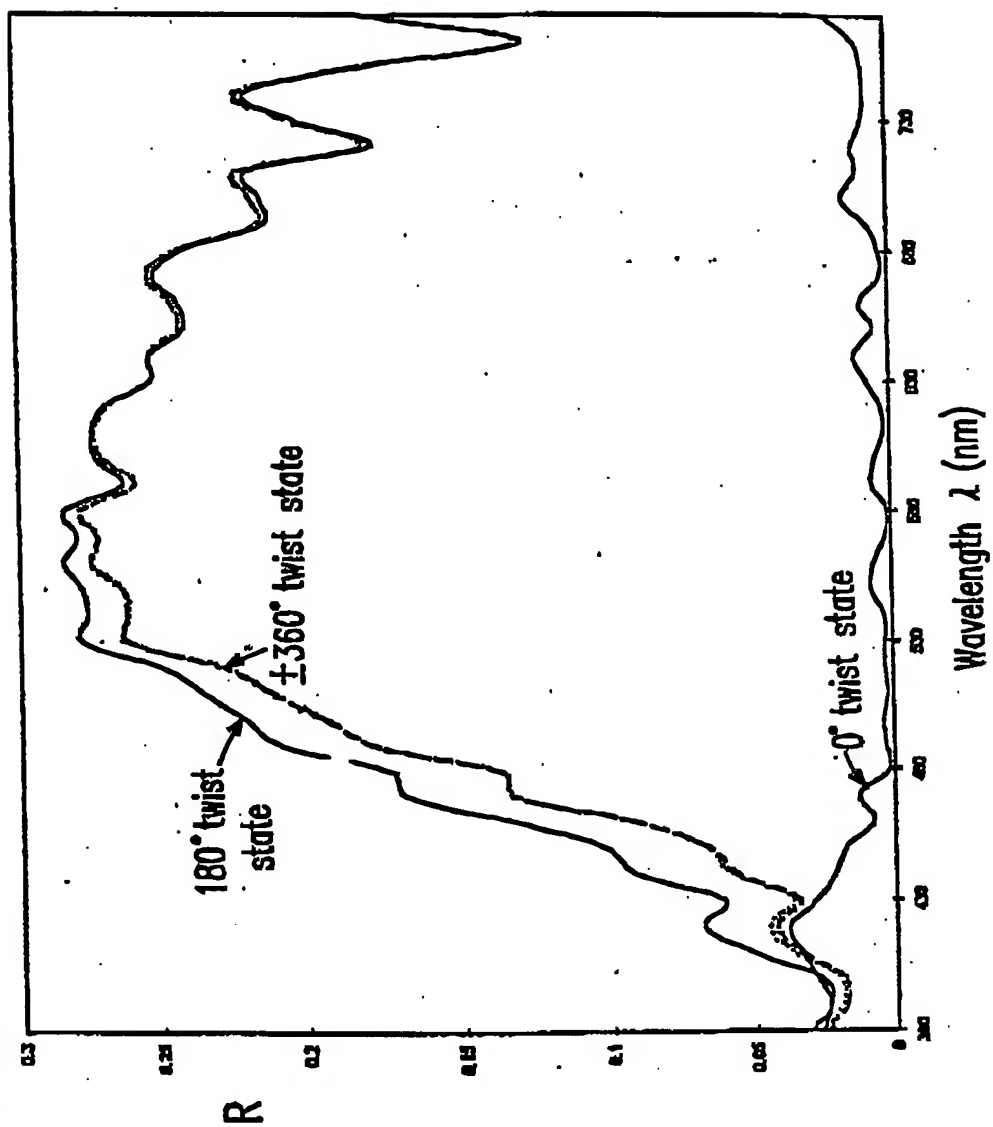


FIG. 37



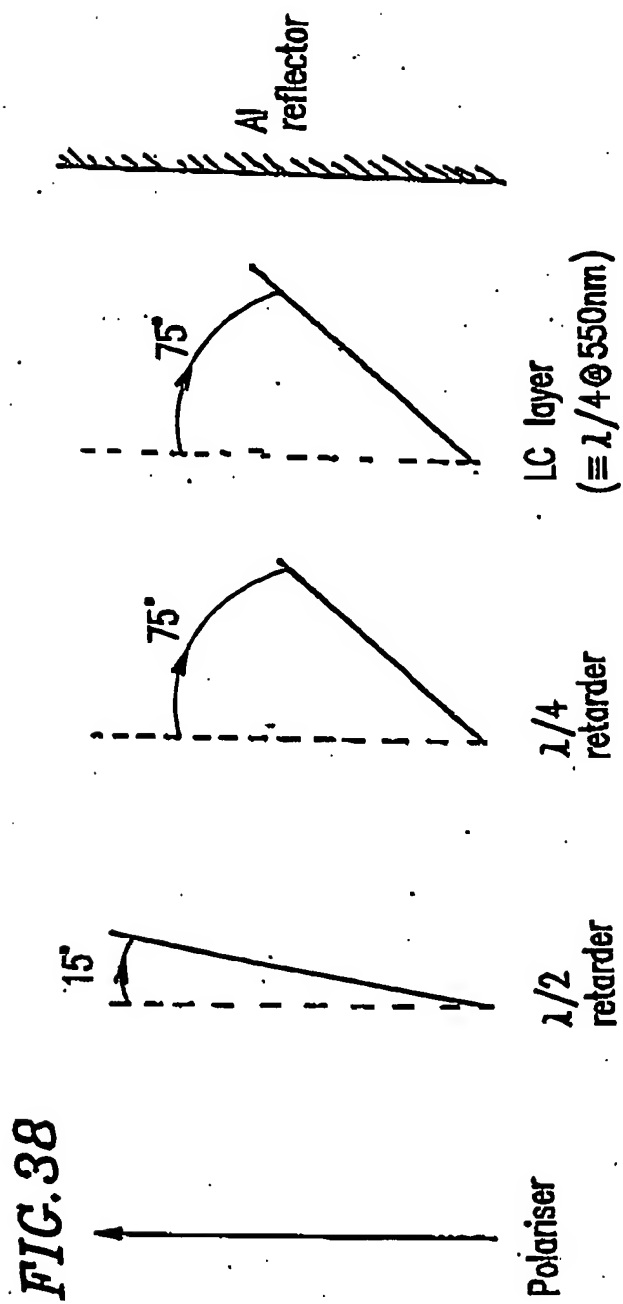


FIG. 39

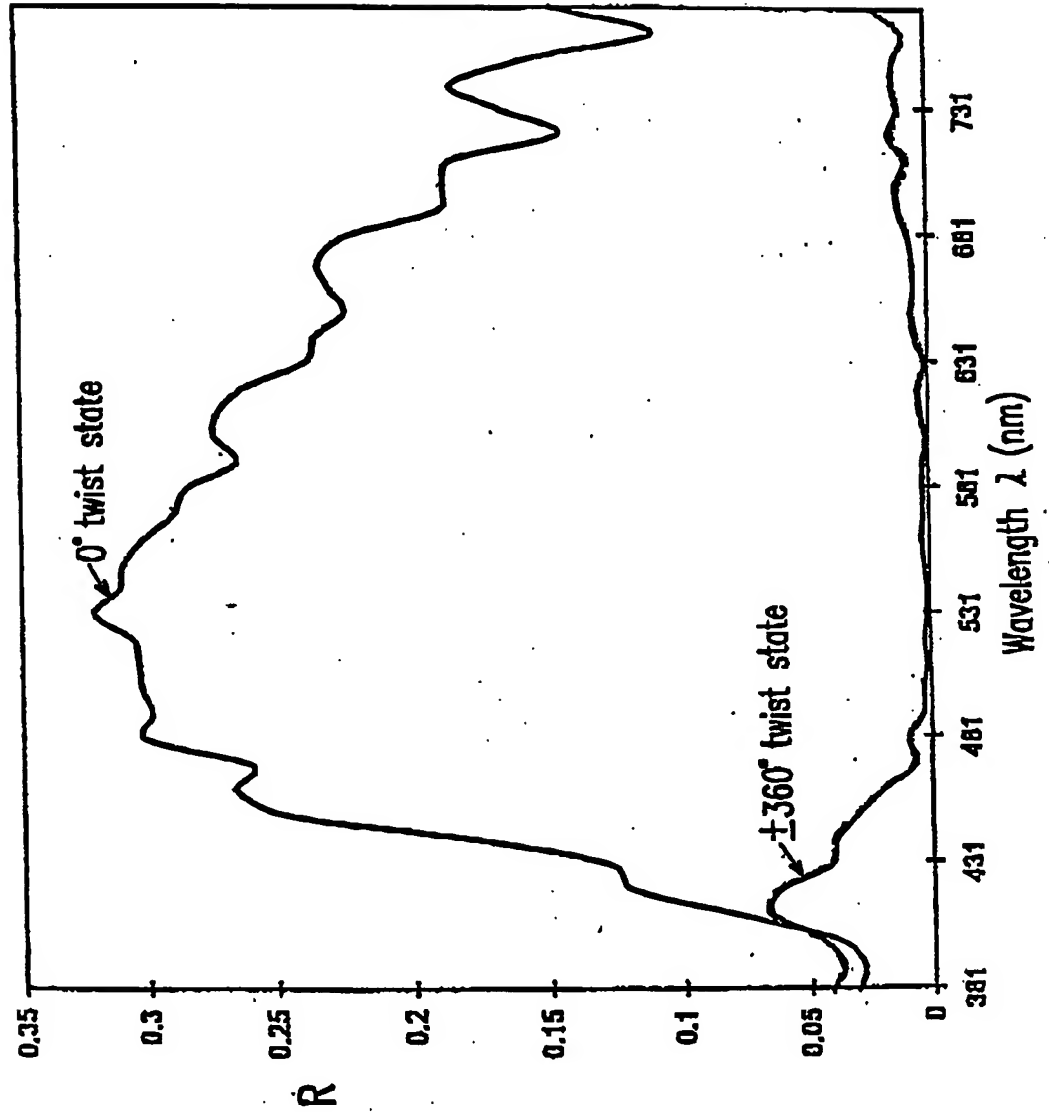


FIG. 40

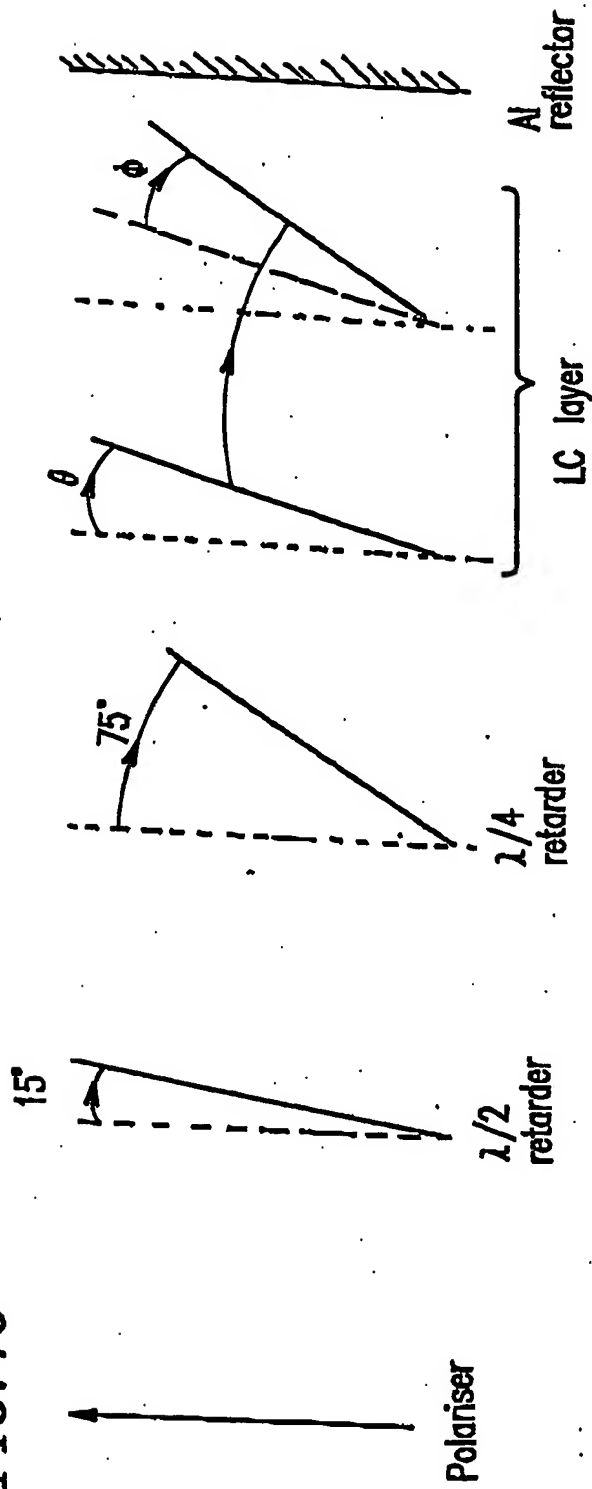
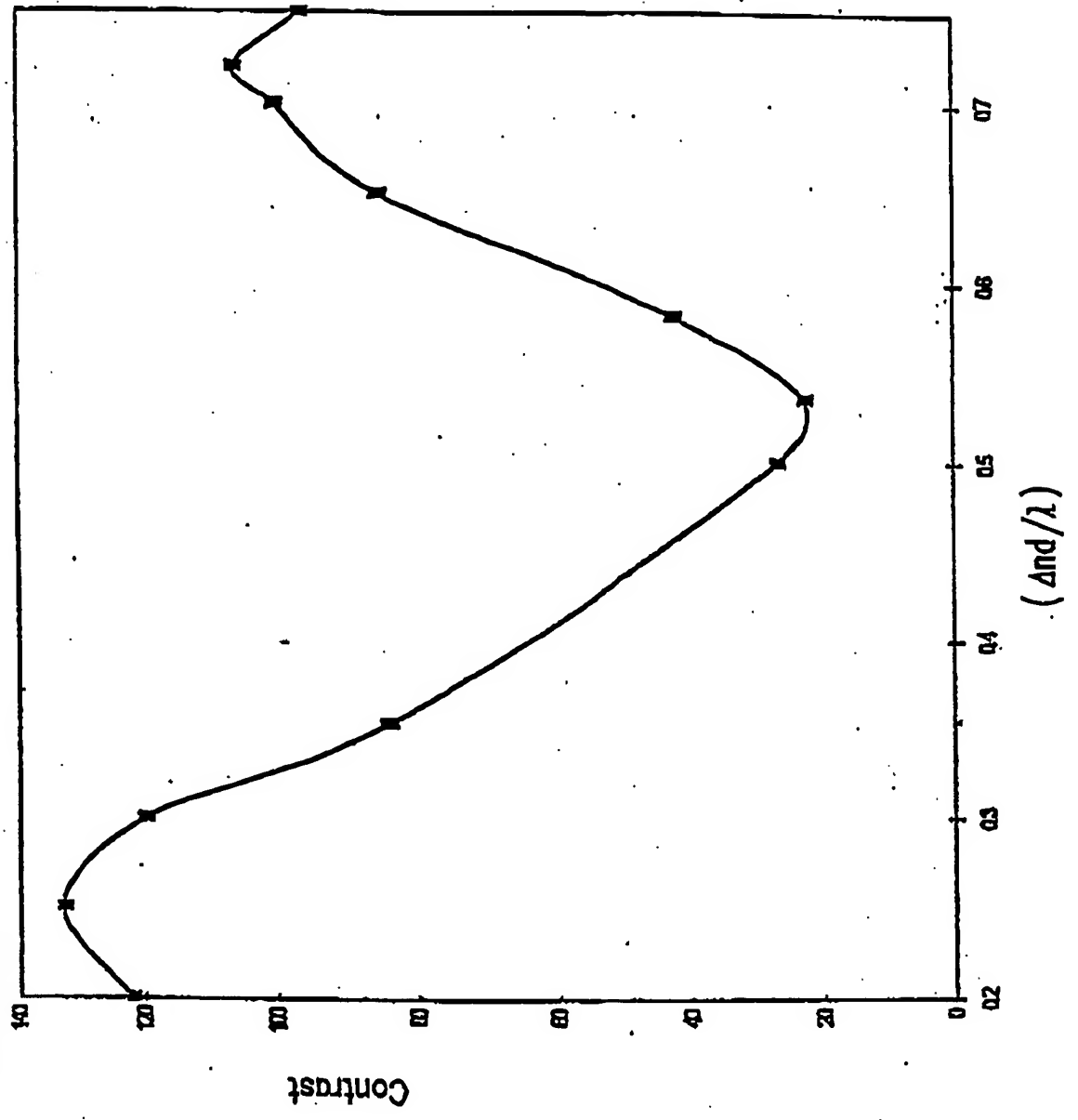


FIG. 41



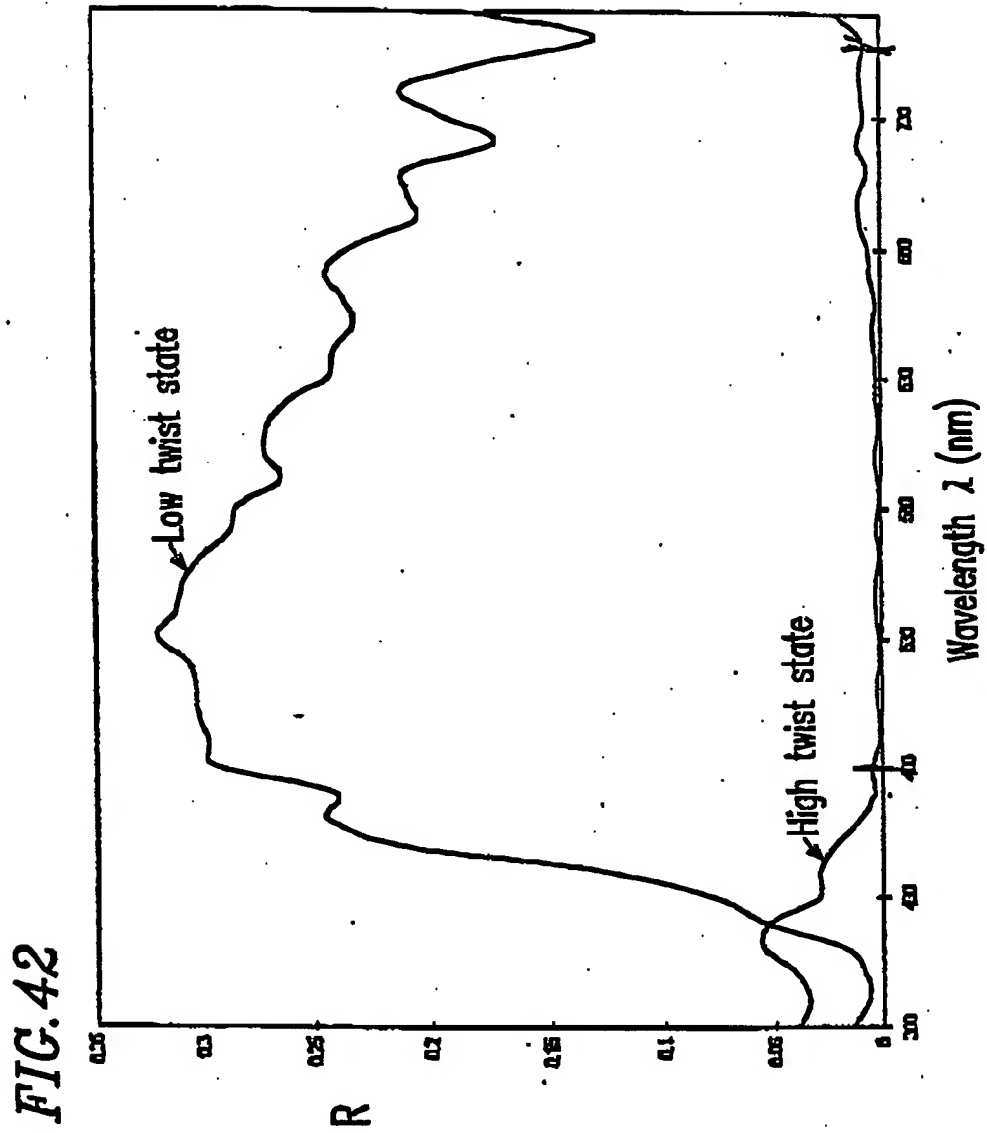


FIG. 43

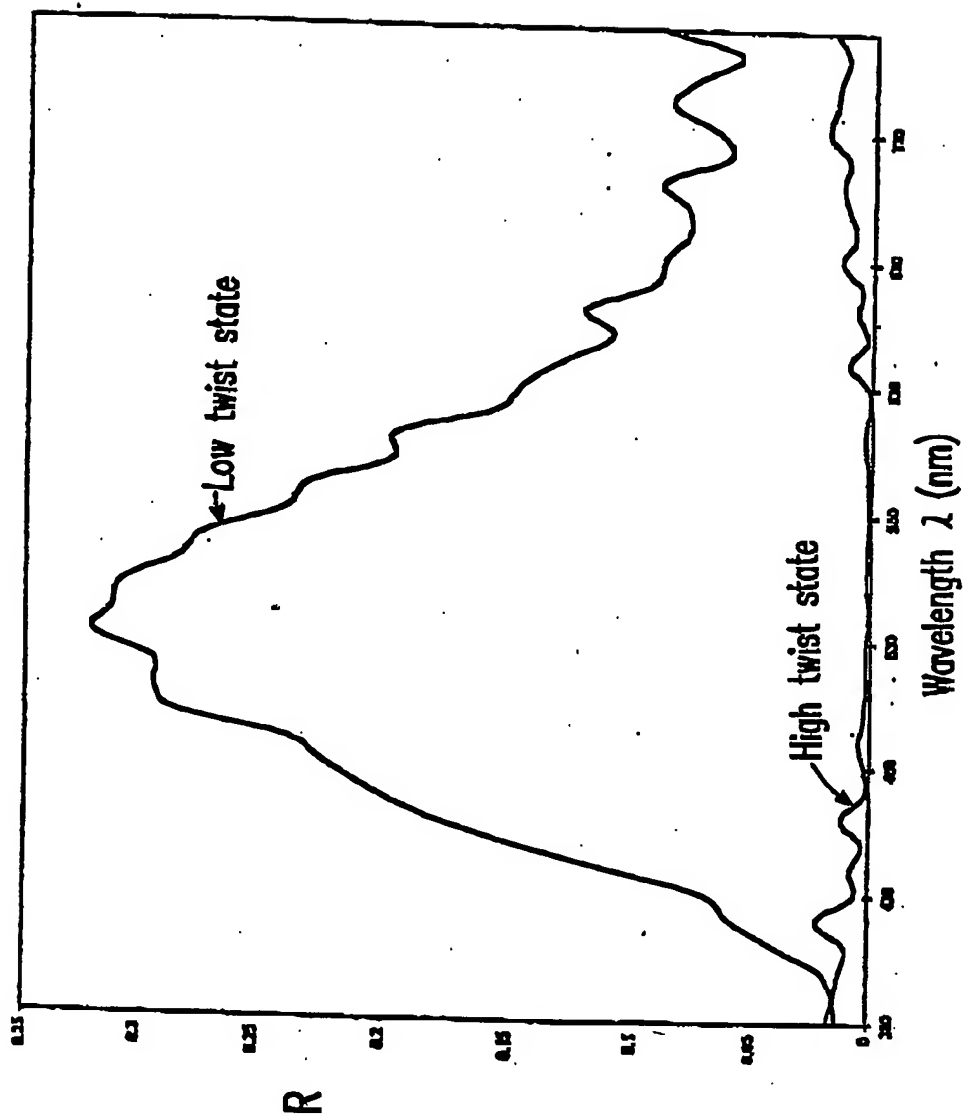


FIG. 44

